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# Industrial Computer Chassis

As a leading hardware provider in embedded SBC, IEI offers complete industrial computer chassis from ATX/microATX/Mini-ITX support chassis to 1U~7U chassis to support different embedded single board computers, and provides flexibility and scalability for industrial applications. Customers can choose different platform to integrate and fulfil different demanding application and vertical application.

## 1. SBC Embedded System



|                     |                         |                          |
|---------------------|-------------------------|--------------------------|
| <b>Model Name</b>   | <b>ECN-360A Series</b>  | <b>ECW-281B Series</b>   |
| <b>MB Model No.</b> | NANO Series (EPIC SBC)* | WAFER Series (3.5" SBC)* |

\*Please refer to the ECN & ECW datasheets for the NANO & WAFER support list.

## 2. Embedded Chassis Series



|                     |                         |                            |                         |
|---------------------|-------------------------|----------------------------|-------------------------|
| <b>Model Name</b>   | <b>EBC-3220</b>         | <b>EBC-3100 / EBC-3000</b> | <b>EBC-3300</b>         |
| <b>MB Model No.</b> | KINO Series (Mini-ITX)* | KINO Series (Mini-ITX)*    | tKINO Series (Mini-ITX) |

\*Please refer to the EBC datasheets for the support list.

## 3. Industrial Computer Chassis



|                     |                      |                                          |                                               |
|---------------------|----------------------|------------------------------------------|-----------------------------------------------|
| <b>Model Name</b>   | <b>RACK-1150G 1U</b> | <b>RACK-220G 2U 6-slot</b>               | <b>RACK-360 4U 14-slot</b>                    |
| <b>MB Model No.</b> | Full-size CPU card   | Full-size CPU card<br>microATX, Mini-ITX | Full-size CPU card<br>ATX, microATX, Mini-ITX |



|                     |                |                |                |
|---------------------|----------------|----------------|----------------|
| <b>Model Name</b>   | <b>ECA-300</b> | <b>ECA-200</b> | <b>ECA-100</b> |
| <b>MB Model No.</b> | ATX/mATX       | mATX           | ATX/mATX       |



|                     |                         |                        |                        |
|---------------------|-------------------------|------------------------|------------------------|
| <b>Model Name</b>   | <b>PAC-125G 10-slot</b> | <b>PAC-700G 7-slot</b> | <b>PAC-53GH 3-slot</b> |
| <b>MB Model No.</b> | Full-size CPU card      | Half-size CPU card     | Half-size CPU card     |

# SBC Embedded System



| Model Name     |                         | ECN-360A-ULT3                                                                                            | ECW-281B-BT                                                                                       |
|----------------|-------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Chassis        | Color                   | Black                                                                                                    | Black                                                                                             |
|                | Dimensions (WxDxH) (mm) | 255 x 130 x 75                                                                                           | 229 x 132 x 64                                                                                    |
|                | System Fan              | Fanless                                                                                                  | Fanless                                                                                           |
|                | Chassis Construction    | SECC                                                                                                     | Aluminum alloy with heavy duty metal                                                              |
| Motherboard    | Motherboard Model       | NANO-ULT3                                                                                                | WAFER-BT                                                                                          |
|                | SBC Size (mm)           | EPIC (165 x 115)                                                                                         | 3.5" (146 x 102)                                                                                  |
|                | CPU                     | Intel® Core™ i5-6300U<br>Intel® Celeron® 3955U                                                           | Intel® Celeron® J1900<br>quad-core 2.42GHz                                                        |
|                | Chipset                 | N/A                                                                                                      | SoC                                                                                               |
|                | System Memory           | Two 260-pin 2133/1866 MHz dual-channel DDR4 SO-DIMMs support up to 32GB, Pre-install 4GB DDR4            | One 204-pin 1333/1066 MHz single-channel DDR3L SO-DIMM supports up to 4 GB, Pre-install 2GB DDR3L |
| IPMI           | iRIS Solution           | N/A                                                                                                      | N/A                                                                                               |
|                | Hard Drive              | 2 x 2.5" SATA HDD/SSD bay (No RAID support)                                                              | 1 x 2.5" SATA 3Gb/s HDD/SSD bay                                                                   |
|                | CF Card/CFast           | N/A                                                                                                      | N/A                                                                                               |
| I/O Interfaces | USB 3.2 Gen 1           | 4                                                                                                        | 1                                                                                                 |
|                | USB 2.0                 | N/A                                                                                                      | 3                                                                                                 |
|                | Ethernet                | LAN1: Intel® I219-LM<br>LAN2: Intel® I211-AT                                                             | LAN 1: PCIe GbE by Intel® I210 controller<br>LAN 2: PCIe GbE by Intel® I211 controller            |
|                | COM Port                | 1 x RS-232/422/485<br>2 x RS-232                                                                         | 3 x RS-232<br>1 x RS-422/485                                                                      |
|                | Digital I/O             | 8-bit digital I/O                                                                                        | 8-bit digital I/O (4-bit input, 4-bit output)                                                     |
|                | Display                 | 2 x HDMI                                                                                                 | 1 x VGA                                                                                           |
|                | Resolution              | HDMI: up to 4096x2160@24Hz                                                                               | VGA: 2560x1600@60Hz                                                                               |
|                | Audio                   | 1 x Line-out                                                                                             | 1 x Line out                                                                                      |
|                | Wireless                | 2 x 802.11b/g/n (optional)                                                                               | 1 x 802.11b/g/n                                                                                   |
| Expansions     | PCIe Mini               | 1 x Full-size PCIe Mini card slot (with SIM holder & mSATA support)<br>1 x Half-size PCIe Mini card slot | 1 x Full-size PCIe Mini card slot (supports mSATA)<br>1 x Half-size PCIe Mini card                |
| Power          | Power Input             | DC 12V (Optional 9~36V)<br>Power 1: DC jack<br>Power 2: Terminal block( for optional 9~36V only)         | DC jack: 12 V DC<br>3-pin terminal: 9 V~36 V DC                                                   |
|                | Power Consumption       | 12 V@2.4 A (Intel® i5-6300U with 4GB DDR4 memory)                                                        | 12V@1.45A<br>(Intel® Celeron® J1900 CPU and one 8 GB 1333 MHz DDR3 memory)                        |
| Reliability    | Mounting                | Wall mount, VESA 100                                                                                     | Wall mount, VESA 100                                                                              |
|                | Operating Temperature   | -20°C~60°C with air flow (SSD),<br>5% ~ 95%, non-condensing                                              | -20°C~60°C with air flow (SSD),<br>10% ~ 95%, non-condensing                                      |
|                | Operating Shock         | Half-sine wave shock 5G, 11ms, 3 shocks per axis                                                         | Half sine wave 5G, 11ms 3-axis (non-operational)                                                  |
|                | Operating Vibration     | MIL-STD-810F 514.5C-2 (with SSD)                                                                         | MIL-STD-810F 514.5C-1 (HDD)                                                                       |
|                | Weight (Net/ Gross)     | 2.2 kg/3 kg                                                                                              | 2.1 kg / 3.9 kg                                                                                   |

\*Systems with hard drive meet MIL-STD-810F 514.5C-1 specifications. SSD/CF systems meet MIL-STD-810F 514.5C-2 specifications.



# ECN-360A-ULT3

Fanless Embedded System with Intel® Solution



**E-Window**

## Features

- On-board CPU
  - » i5-6300U dual-core up to 3.0GHz
  - » 3955U dual-Core up to 2.0GHz
- Two 2.5" SATA 6Gb/s HDD/SSD drive bay
- Operating temperature: -20°C ~ 60 °C
- Two flexible E-Window for modularized expansion I/O



## Specifications

| Model Name     |                         | ECN-360A-ULT3                                                                                                    |
|----------------|-------------------------|------------------------------------------------------------------------------------------------------------------|
| Chassis        | Color                   | Black                                                                                                            |
|                | Dimensions (WxDxH) (mm) | 255 x 130 x 75                                                                                                   |
|                | System Fan              | Fanless                                                                                                          |
|                | Chassis Construction    | SECC                                                                                                             |
| Motherboard    | Motherboard Model       | NANO-ULT3                                                                                                        |
|                | SBC Size (mm)           | EPIC (165 x 115)                                                                                                 |
|                | Processor               | Intel® Core™ i5-6300U<br>Intel® Celeron® 3955U                                                                   |
|                | System Memory           | Two 260-pin 2133/1866 MHz dual-channel DDR4 non-ECC unbuffered SO-DIMMs support up to 32GB, Pre-install 4GB DDR4 |
| Storage        | Hard Drive              | 2 x 2.5" SATA HDD/SSD bay (No RAID support)                                                                      |
| I/O Interfaces | USB 3.2 Gen 1           | 4                                                                                                                |
|                | Ethernet                | LAN1: Intel® I219-LM<br>LAN2: Intel® I211-AT                                                                     |
|                | COM Port                | 1 x RS-232/422/485<br>2 x RS-232                                                                                 |
|                | Digital I/O             | 8-bit digital I/O                                                                                                |
|                | Display                 | 2 x HDMI                                                                                                         |
|                | Resolution              | HDMI: up to 4096x2160@24Hz                                                                                       |
|                | Audio                   | 1 x Line-out                                                                                                     |
|                | Wireless                | 2 x 802.11b/g/n (optional)                                                                                       |
| Expansions     | PCIe Mini               | 1 x Full-size PCIe Mini card slot (with SIM holder & mSATA support)<br>1 x Half-size PCIe Mini card slot         |
| Power          | Power Input             | DC 12V (Optional 9~36V)<br>Power 1: DC jack<br>Power 2: Terminal block( for optional 9~36V only)                 |
|                | Power Consumption       | 12 V@2.4 A (Intel® i5-6300U with 4GB DDR4 memory)                                                                |
| Reliability    | Mounting                | Wall mount, VESA 100                                                                                             |
|                | Operating Temperature   | -20°C~60°C with air flow (SSD), 5% ~ 95%, non-condensing                                                         |
|                | Operating Shock         | Half-sine wave shock 5G, 11ms, 3 shocks per axis                                                                 |
|                | Operating Vibration     | MIL-STD-810F 514.5C-2 (SSD)                                                                                      |
|                | Weight (Net/Gross)      | 2.2 kg/3 kg                                                                                                      |

\*3955U belongs to Skylake ULT Base series CPU, PCIe signal support only PCIe Gen 2

## Friendly to Use

### Easy for installation

- Flexible I/O function for expansion requirement
- Easy assembly and integration changing with IEI E-window tool kit

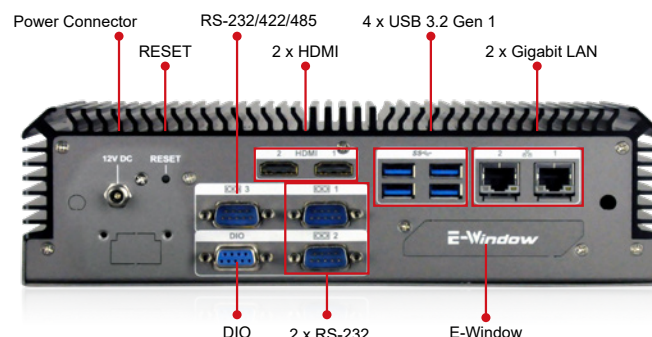


# Fully Integrated I/O

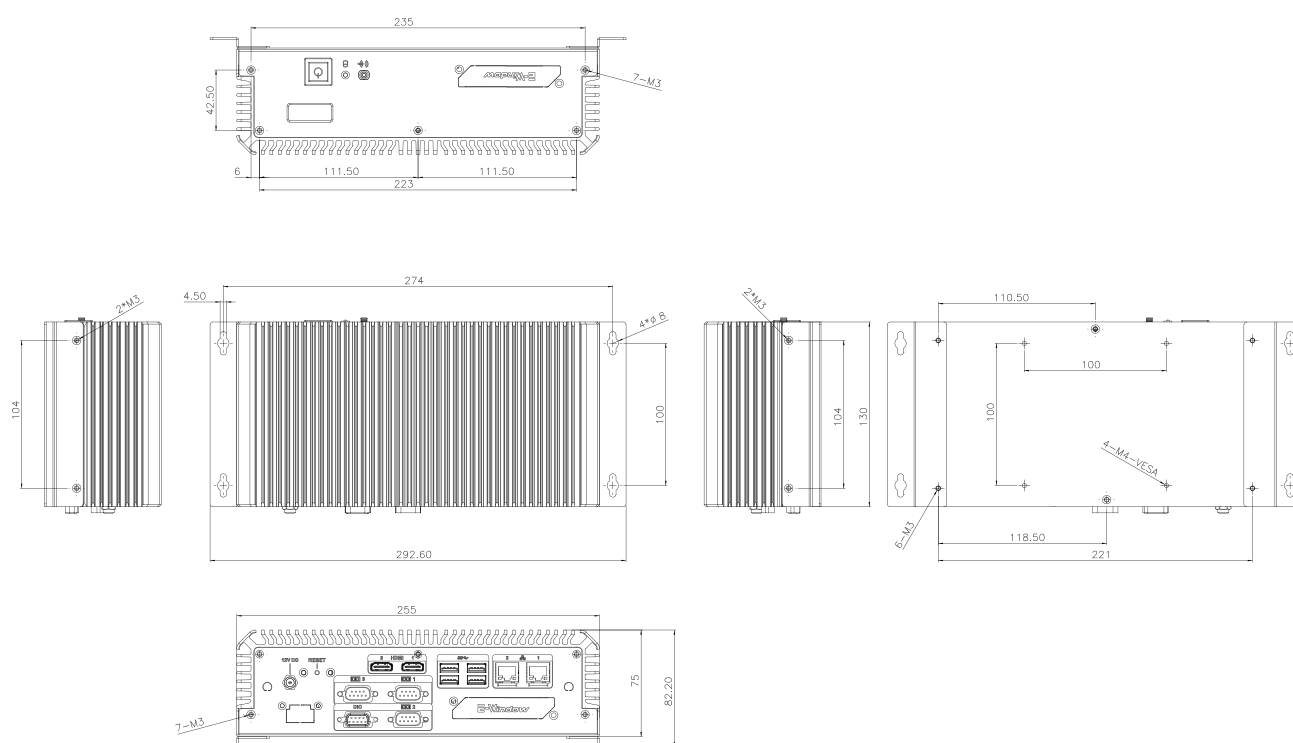
Front view



Rear view



## Dimensions (Unit: mm)



## Ordering Information

| Part No.                     | Description                                                                                                                                                  |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ECN-360A-ULT3-i5/4G-R10      | Fanless System with Intel® Core™ i5-6300U up to 3.0GHz, TDP 15W, 2 x GbE LAN port, 2 x HDMI, 2 x 2.5" SATA HDD bay, 4GB memory pre-installed, 12V DC, RoHS   |
| ECN-360A-ULT3-C/4GB-R10      | Fanless System with Intel® Celeron® 3955U up to 2.00 GHz, TDP 15W, 2 x GbE LAN port, 2 x HDMI, 2 x 2.5" SATA HDD bay, 4GB memory pre-installed, 12V DC, RoHS |
| ECN-360A-ULT3-C/WD/4GB-R10   | Fanless System with Intel® Celeron® 3955U up to 2.0GHz, TDP 15W, 2 x GbE LAN port, 2 x HDMI, 2 x 2.5" SATA HDD bay, 4GB memory pre-installed, 9~36V DC, RoHS |
| ECN-360A-ULT3-C/WD/4GB-R10** | Fanless System with Intel® Celeron® 3955U up to 2.0GHz, TDP 15W, 2 x GbE LAN port, 2 x HDMI, 2 x 2.5" SATA HDD bay, 4GB memory pre-installed, 9~36V DC, RoHS |
| 63040-010060-120-RS          | FSP060-DIBAN2, 12V 60W AC/DC Adapter                                                                                                                         |
| E-MPCIE-LAN03-R10            | PCIe mini card supports 1-port GbE with REALTEK RTL8111E controller, with PMS 194C I/O bracket and 150 mm cable                                              |
| E-MPCIE-DLAN03-R10           | PCIe mini card supports 2-port GbE with Intel® I211 controller, with PMS 194C I/O bracket and 150mm cable                                                    |

\*\*By order production, MOQ: 50

## Packing List

1 x Screw set

1 x Wall mount bracket

# ECW-281B-BT

Fanless Embedded System with  
Intel® Celeron® J1900 Processor



## Features

- Fanless system with Intel® Celeron® J1900 Processor
- Supports four COM ports (three RS-232, one RS-422/485)
- 12V DC and 9 V~36 V DC models available
- Wide operating temperature: -20°C ~ 60°C with SSD

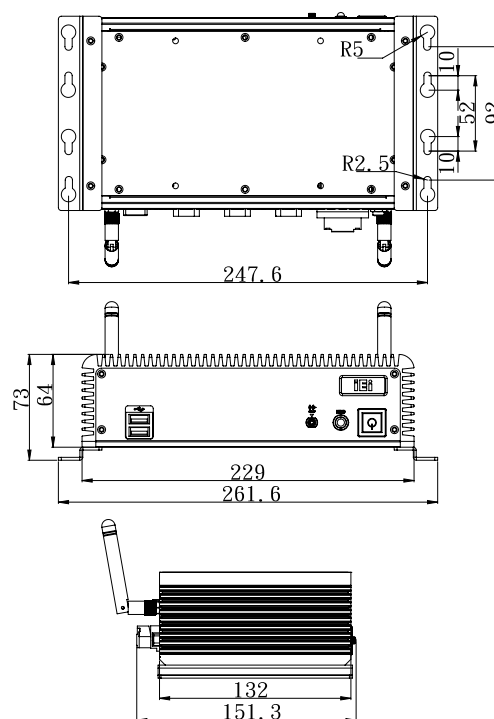


## Specifications

| Model Name     |                         | ECW-281B-BT                                                                            |
|----------------|-------------------------|----------------------------------------------------------------------------------------|
| Chassis        | Color                   | Black                                                                                  |
|                | Dimensions (WxHxD) (mm) | 229 x 132 x 64                                                                         |
|                | System Fan              | Fanless                                                                                |
|                | Chassis Construction    | Aluminum alloy with heavy duty metal                                                   |
| Motherboard    | Motherboard Model       | WAFER-BT                                                                               |
|                | SBC Size (mm)           | 3.5", 146 x 102                                                                        |
|                | CPU                     | Intel® Celeron® J1900 processor (quad-core, 2 MB cache, TDP=10W, up to 2.42GHz)        |
|                | Chipset                 | SoC                                                                                    |
| Storage        | System Memory           | 1 x 204-pin 1066/1333 MHz single-channel DDR3L SO-DIMM (system max. 8 GB)              |
|                | Hard Drive              | 1 x 2.5" SATA 3Gb/s HDD bay                                                            |
| I/O Interfaces | USB 3.2 Gen 1           | 1                                                                                      |
|                | USB 2.0                 | 3                                                                                      |
|                | Ethernet                | LAN 1: PCIe GbE by Intel® I210 controller<br>LAN 2: PCIe GbE by Intel® I211 controller |
|                | COM Port                | 3 x RS-232<br>1 x RS-422/485                                                           |
|                | Digital I/O             | 8-bit digital I/O                                                                      |
|                | Display                 | 1 x VGA                                                                                |
|                | Resolution              | VGA: Up to 2560x1600@60Hz                                                              |
|                | Audio                   | 1 x Line out                                                                           |
|                | Wireless                | 1 x 802.11b/g/n (optional)                                                             |
|                | Expansion               | 1 x Full-size PCIe Mini card slot (supports mSATA)*<br>1 x Half-size PCIe Mini card    |
| Power          | Power Input             | DC jack: 12 V DC<br>3-pin terminal: 9 V~36 V DC                                        |
|                | Consumption             | 12V@1.45A (with Intel® Celeron® J1900 CPU and one 8 GB 1333 MHz DDR3 memory)           |
| Reliability    | Mounting                | Wall mount, VESA 100                                                                   |
|                | Operating Temperature   | -20°C~60°C with air flow (SSD),<br>10% ~ 95%, non-condensing                           |
|                | Storage Temperature     | -20°C ~ 60°C                                                                           |
|                | Operating Shock         | Half sine wave 5G, 11ms 3-axis (non-operational)                                       |
|                | Operating Vibration     | MIL-STD-810F 514.5C-1 (HDD)                                                            |
|                | Weight (Net/Gross)      | 2.1 kg / 3.9 kg                                                                        |

\*ECW-281BWD-BT-QGW without Full-size PCIe Mini Card slot expansion

## Dimensions (Unit: mm)



## Options

| Part No.                | Description                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------|
| ECW-281B-BT-WES7E64-R20 | OS Image with Windows® Embedded Standard 7 E 64Bit for ECW-281BT Series, with DVD-ROM, RoHS, R20 |
| DK-100-R10              | VESA 100 to DIN-Rail mounting kit                                                                |

## Packing List

|                                        |                        |
|----------------------------------------|------------------------|
| 1 x Power cord only for 12V            | 1 x Wall mount bracket |
| 1 x 12V 60W power adapter only for 12V | 1 x Screw set          |

## Ordering Information

| Part No.                                      | Description                                                                                                                                                                       |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12V DC Input<br>ECW-281B-BT-J1/2GB-R20        | Fanless embedded system with WAFER-BT-R20, with Intel® Celeron® J1900 2GHz, 4 serial ports, with 2GB DDR3L pre-installed SO-DIMM memory, 12VDC in, 60W power adapter, black, RoHS |
| 9 V~36 V DC Input<br>ECW-281BWD-BT-J1/2GB-R20 | Fanless embedded system with WAFER-BT-R20, with Intel® Celeron® J1900 2GHz, 4 serial ports, with 2GB DDR3L pre-installed SO-DIMM memory, 9~36VDC in, w/o adapter, black, RoHS     |

# Embedded Chassis Series



| Model Name          |                         | EBC-3300                                  | EBC-3220                                                                                                                                                    |
|---------------------|-------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chassis             | Platform                | Case only                                 | Case only                                                                                                                                                   |
|                     | Color                   | Black                                     | Black                                                                                                                                                       |
|                     | Dimensions (WxDxH) (mm) | 190 x 190 x 43                            | 190 x 180 x 55                                                                                                                                              |
|                     | System Fan              | --                                        | 1 x 4 cm                                                                                                                                                    |
|                     | Chassis Construction    | Heavy duty metal                          | Heavy duty metal                                                                                                                                            |
| Motherboard         | Motherboard Model       | EBC-3300-BW-R10: tKINO-BW                 | tKINO-BW<br>KINO-DQM170<br>KINO-DH810<br>KINO-DBT<br>eKINO-BT<br>KINO-R1000<br>KINO-DH310<br>KINO-DH110<br>KINO-DAL<br>tKINO-AL<br>tKINO-ULT3<br>KINO-TGL-U |
|                     | SBC Size (mm)           | Mini-ITX (170 x 170)                      | Mini-ITX (170 x 170)                                                                                                                                        |
| Storage             | Hard Drive              | 1 x 2.5" SATA HDD/SSD drive bay           | 1 x 2.5" SATA HDD/SSD drive bay                                                                                                                             |
|                     | CF Card/CFast           | N/A                                       | N/A                                                                                                                                                         |
|                     | SD Card                 | Refer to SBC                              | Refer to SBC                                                                                                                                                |
| I/O Interfaces      | PS2 (KB/MS)             | N/A                                       | N/A                                                                                                                                                         |
|                     | USB 3.2 Gen 1           | Refer to SBC                              | Refer to SBC                                                                                                                                                |
|                     | USB 2.0                 | Refer to SBC                              | Refer to SBC                                                                                                                                                |
|                     | Ethernet                | 2                                         | 2                                                                                                                                                           |
|                     | COM Port                | Refer to SBC                              | Refer to SBC                                                                                                                                                |
|                     | LPT                     | Refer to SBC                              | Refer to SBC                                                                                                                                                |
|                     | Display                 | Refer to SBC                              | Refer to SBC                                                                                                                                                |
|                     | Resolution              | Refer to SBC                              | Refer to SBC                                                                                                                                                |
|                     | Audio                   | Refer to SBC                              | Refer to SBC                                                                                                                                                |
|                     | Wireless                | Refer to SBC                              | Refer to SBC                                                                                                                                                |
| Expansions          | PCI                     | N/A                                       | N/A                                                                                                                                                         |
|                     | PCIe                    | N/A                                       | N/A                                                                                                                                                         |
|                     | PCIe Mini               | Refer to SBC                              | Refer to SBC                                                                                                                                                |
|                     | Others                  | 1 x E-Window                              | N/A                                                                                                                                                         |
| Power               | Power Input             | 12V DC                                    | 12V DC                                                                                                                                                      |
|                     | Power Supply            | 12V DC                                    | 12V DC                                                                                                                                                      |
| Reliability         | Mounting                | VESA 100, wall mount                      | VESA 100, wall mount                                                                                                                                        |
|                     | Operating Temperature   | -10°C ~ 50°C                              | -10°C ~ 50°C                                                                                                                                                |
|                     | Operating Shock         | Half-sine wave 3G, 11ms 3 shocks per axis |                                                                                                                                                             |
|                     | Operating Vibration     | MIL-STD-810F 514.5C-1                     |                                                                                                                                                             |
| Weight (Net/ Gross) |                         | 1 kg/2 kg                                 | 1 kg/2 kg                                                                                                                                                   |

# Embedded Chassis Series



| Model Name     |                         | EBC-3100                                  | EBC-3000                                  |
|----------------|-------------------------|-------------------------------------------|-------------------------------------------|
| Chassis        | Platform                | Case only                                 | Case only                                 |
|                | Color                   | Black                                     | Black                                     |
|                | Dimensions (WxDxH) (mm) | 260 x 250 x 156                           | 280 x 230 x 88                            |
|                | System Fan              | 1 x 8 cm                                  | 1 x 6 cm                                  |
|                | Chassis Construction    | Heavy duty metal with plastic front panel | Heavy duty metal with plastic front panel |
| Motherboard    | Motherboard Model       | KINO-AQ170                                | KINO-AQ170                                |
|                | SBC Size (mm)           | Mini-ITX (170 x 170)                      | Mini-ITX (170 x 170)                      |
| Storage        | Hard Drive              | 1 x 3.5" SATA HDD space                   | 1 x 3.5" SATA HDD space                   |
|                | CF Card/CFast           | Refer to SBC                              | Refer to SBC                              |
|                | SD Card                 | Refer to SBC                              | Refer to SBC                              |
| I/O Interfaces | PS2 (KB/MS)             | Refer to SBC                              | Refer to SBC                              |
|                | USB 3.2 Gen 1           | Refer to SBC                              | Refer to SBC                              |
|                | USB 2.0                 | Refer to SBC                              | Refer to SBC                              |
|                | Ethernet                | 2                                         | 2                                         |
|                | COM Port                | Refer to SBC                              | Refer to SBC                              |
|                | LPT                     | Refer to SBC                              | Refer to SBC                              |
|                | Display                 | Refer to SBC                              | Refer to SBC                              |
|                | Resolution              | Refer to SBC                              | Refer to SBC                              |
|                | Audio                   | Refer to SBC                              | Refer to SBC                              |
|                | Wireless                | Refer to SBC                              | Refer to SBC                              |
| Expansions     | PCI                     | N/A                                       | N/A                                       |
|                | PCIe                    | 1 x Full-height expansion slot            | N/A                                       |
|                | PCIe Mini               | Refer to SBC                              | Refer to SBC                              |
|                | Others                  | N/A                                       | N/A                                       |
| Power          | Power Input             | 90~264V AC                                | 90~264V AC                                |
|                | Power Supply            | ACE-A618C 180W<br>ACE-A627A 270W          | ACE-A618C 180W<br>ACE-A627A 270W          |
| Reliability    | Mounting                | Desktop, wall mount                       | Desktop, wall mount                       |
|                | Operating Temperature   | 0°C ~ 50°C                                | 0°C ~ 50°C                                |
|                | Operating Shock         | Half-sine wave 3G, 11ms 3 shocks per axis | Half-sine wave 3G, 11ms 3 shocks per axis |
|                | Operating Vibration     | MIL-STD-810F 514.5C-1                     | MIL-STD-810F 514.5C-1                     |
|                | Weight (Net/Gross)      | 2.5 kg/3.9 kg                             | 2.5 kg/3.9 kg                             |



# EBC-3300

Embedded Chassis for IEI thin Mini-ITX SBC



## Features

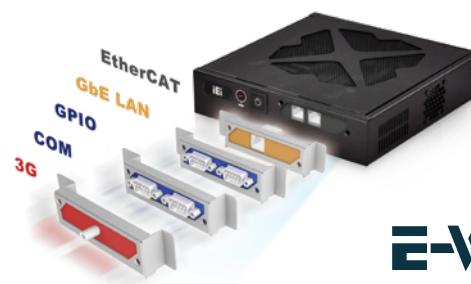
- Designs for thin type Mini-ITX SBC with single voltage input
- Total height 42mm for space critical application
- One 2.5" hard drive capacity
- Flexible E-Window tool kit support

## Specifications

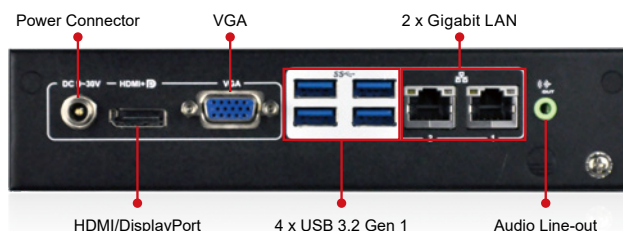
| Model Name          |                       | EBC-3300-BW-R10                                                      |
|---------------------|-----------------------|----------------------------------------------------------------------|
| Platform            |                       | Case only                                                            |
| Chassis             | Color                 | Black                                                                |
|                     | Dimension( WxDxH)     | 190 x 190 x 43                                                       |
|                     | System Fan            | --                                                                   |
|                     | Chassis Construction  | Heavy duty metal                                                     |
| Motherboard         | Motherboard           | IKINO-BW                                                             |
|                     | SBC Size (mm)         | Mini-ITX (170 x 170)                                                 |
|                     | CPU                   | Refer to SBC                                                         |
|                     | System Memory         | 1 x DDR3L 1333/1066 SO-DIMM (system Max : 8GB)                       |
| Storage             | Hard Drive            | 1 x 2.5" SATA 6Gb/s HDD/SSD Bay                                      |
|                     | SD Card               | 1                                                                    |
|                     | mSATA / M.2           | 1                                                                    |
| I/O interfaces      | PS2 (KB/MS)           | pin header                                                           |
|                     | USB 3.2 Gen 1         | 4                                                                    |
|                     | USB 2.0               | pin header                                                           |
|                     | Ethernet              | 2                                                                    |
|                     | RS-232/422/485        | 2 (pin header)                                                       |
|                     | RS-232                | 4 (pin header)                                                       |
|                     | DIO                   | 8-bit (pin header)                                                   |
|                     | Display               | 1 x VGA<br>1 x DP/HDMI                                               |
|                     | Resolution            | 1 x VGA (up to 1920x1200@60Hz)<br>1 x HDMI/DP (up to 3840x2160@30Hz) |
|                     | Audio                 | Realtek ALC662<br>1 x Audio jacks (line-out)                         |
|                     | Wireless              | Refer to SBC                                                         |
| Expansions          | PCIe Mini             | 1 x Full-size PCIe Mini                                              |
|                     | Others                | N/A                                                                  |
| Power               | Power Input           | 9~30V                                                                |
|                     | Power Consumption     | 12V@1.61A                                                            |
|                     | Others                | 1 x Power switch                                                     |
| Reliability         | Mounting              | VESA 100, wall mount                                                 |
|                     | Operating Temperature | -10 ~ 50 °C with air flow (SSD), 10% ~ 95%, non-condensing           |
|                     | Storage Temperature   | -20°C ~ 60°C                                                         |
|                     | Operating Shock       | Half-sine wave shock 3G, 11ms, 3 shocks per axis                     |
|                     | Operation Vibration   | MIL-STD-810G 514.5C-1 (with SSD)                                     |
| Weight ( Net/Gross) |                       | 1 kg/ 2kg                                                            |

## Easy for installation

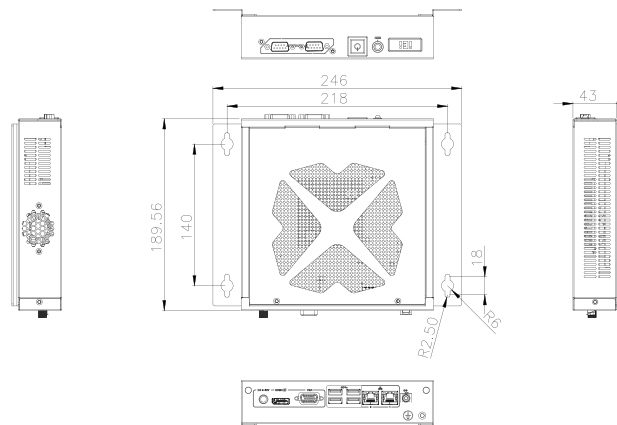
- Flexible I/O function for expansion requirement
- Easy assembly and integration changing with IEI E-window tool kit



**E-Window**



## Dimensions (Unit: mm)



## Ordering Information

| Part No.        | Description                                                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------|
| EBC-3300-BW-R10 | Embedded chassis for IKINO-BW with one 2.5" SATA hard drive bay, IO bracket, one LED cable, one power switch cable and RoHS |

## Packing List

|               |                            |
|---------------|----------------------------|
| 1 x QIG       | 1 x Wall mount bracket kit |
| 1 x Screw set |                            |

## Options

| Part No.               | Description                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 19FR123510BH-000001-RS | Fan Module, FAN, +12V, 3PIN, 31100-000409-RS, STANDARD, R123510BHAC6M5AR, CABLE L:300mm, MOLEX 5051-03P P=2.54 (For EBC-3300-ULT3-R10) |
| 19FR123510BH-000002-RS | Fan Module, FAN, +12V, 4PIN, 31100-000410-RS, STANDARD, R123510BHAF6M6AR, CABLE L:300mm, MOLEX 5051-04P P=2.54                         |
| 63040-010060-211-RS    | FSP060-DIBAN2, 12V 60W AC/DC Adapter                                                                                                   |

# EBC-3220

Compact Embedded Chassis for IEI Single Voltage Mini-ITX SBC



## Features

- Designed for Mini-ITX SBC with single voltage input
- Space critical application
- One 2.5" hard drive capacity
- Cost-effective, RoHS compliant design

## Specifications

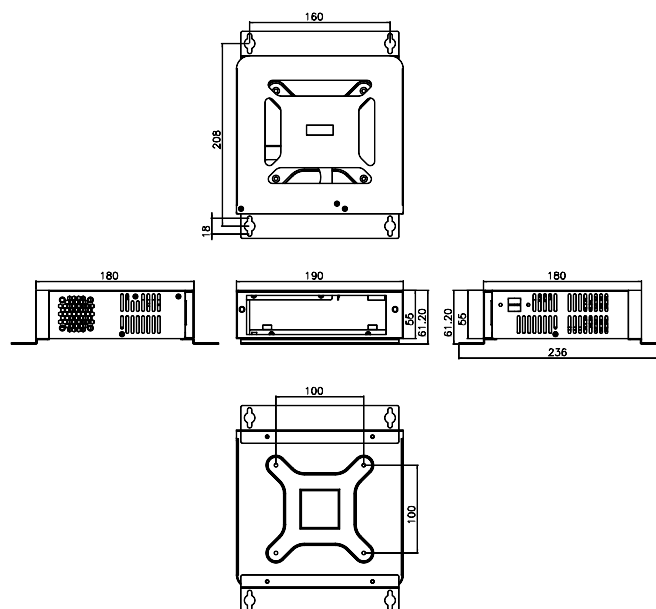
|             |                         |                                 |
|-------------|-------------------------|---------------------------------|
| Model Name  |                         | EBC-3220                        |
| Platform    |                         | Case only                       |
| Chassis     | Color                   | Black                           |
|             | Dimensions (WxDxH) (mm) | 190 x 180 x 55                  |
|             | System Fan (WxDxH) (mm) | 40 x 40 x 10 (optional)         |
| Motherboard | Motherboard Model       | Refer to KINO Series            |
|             | SBC Size (mm)           | Mini-ITX (170 x 170)            |
| Storage     | Hard Drive              | 1 x 2.5" SATA 6Gb/s HDD/SSD Bay |
| Button      |                         | Power switch                    |
| Reliability | Mounting                | Desktop, wall mount, VESA mount |
|             | Operating Temperature   | -10°C ~ 50°C with air flow*     |
|             | Weight (Net/Gross)      | 1 kg/2 kg                       |

\*Ambient air speed follows IEC-68-2-2 standard

## Compatible Mini-ITX SBC

| Part No.       | Recommended CPU Cooler                    |
|----------------|-------------------------------------------|
| KINO-TGL-U     | TBD                                       |
| gKINO-R1000    | 19100-000225-00-RS                        |
| KINO-DAL       | Fanless                                   |
| tKINO-AL       | Fanless                                   |
| tKINO-ULT3     | 19100-000224-00-RS, 34000-000645-RS       |
| KINO-DH110     | CF-115XA-R10, CF-1156C-R20, CF-1156D-R30  |
| KINO-DH310     | CF-115XA-R10, CF-1156C-R20, CF-1156D-R30  |
| KINO-HM551     | CF-989A-RS                                |
| KINO-QM57A     | CF-989A-RS                                |
| KINO-QM670     | CF-989A-RS                                |
| KINO-QM770     | CF-989A-RS                                |
| KINO-DH610     | CF-115XA-R10, CF-1156C-R20, CF-1156D-R30  |
| KINO-DQM871-I1 | 19100-000203-00-RS                        |
| KINO-KBN/SE-i2 | GX424CC & GX415GA with fan                |
| KINO-DA750-i2  | CF-989A-RS                                |
| eKINO-BT       | Fanless                                   |
| KINO-DBT       | Fanless                                   |
| KINO-DH810     | CF-115XA-R10, CF-1156C-R20, CF-1156D-R30  |
| KINO-DQM170    | 19100-000203-00-RS (suitable for 25W CPU) |
| tKINO-BW       | Fanless                                   |

## Dimensions (Unit: mm)



## Ordering Information

| Part No.     | Description                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------------------|
| EBC-3220-R11 | Mini-ITX embedded chassis, for DC input model only, with one 2.5" HDD bracket, w/o power adapter, black, RoHS |

## Packing List

|         |                            |               |
|---------|----------------------------|---------------|
| 1 x QIG | 1 x Wall mount bracket kit | 1 x Screw set |
|---------|----------------------------|---------------|

## Options

| Part No.               | Description                                |
|------------------------|--------------------------------------------|
| 32000-044300-RS        | Dual port USB cable, 210mm, w/o bracket    |
| 19FR124010BL-000003-RS | Fan module, L=200mm, 4cm, 3-pin, CCL, RoHS |

# EBC-3100

## Mini-ITX Chassis for High Power Consumption Applications



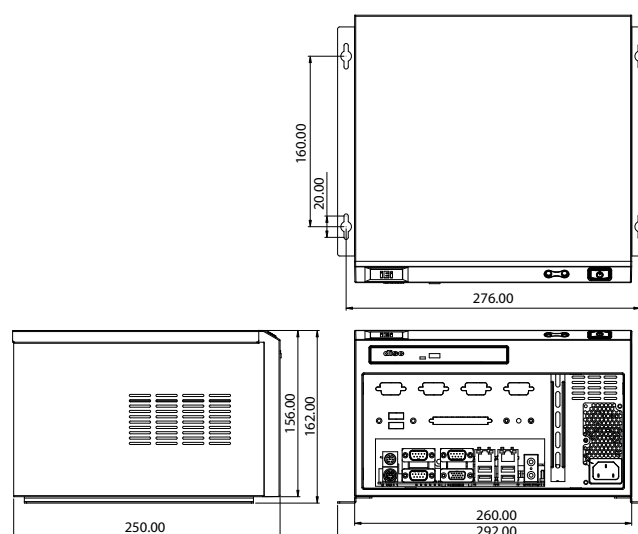
### Features

- Designed for high performance applications, bundled with 270W high efficiency ATX power supply
- Front accessible I/O design
- Supports one expansion slot
- One 3.5" hard drive, one slim type optical drive capacity

### Specifications

|             |                         |                                                                              |
|-------------|-------------------------|------------------------------------------------------------------------------|
| Model Name  |                         | EBC-3100                                                                     |
| Platform    |                         | Case only                                                                    |
| Chassis     | Color                   | Black                                                                        |
|             | Dimensions (WxDxH) (mm) | 260 x 250 x 156                                                              |
|             | System Fan (WxDxH) (mm) | 80 x 80 x 25                                                                 |
|             | Chassis Construction    | Heavy duty metal with plastic front panel                                    |
| Motherboard | Motherboard Model       | Refer to KINO Series                                                         |
|             | SBC Size (mm)           | Mini-ITX (170 x 170)                                                         |
| Storage     | Hard Drive              | 1 x 3.5" SATA HDD space                                                      |
|             | ODD                     | 1 x 5.25" slim type                                                          |
| Expansions  |                         | 1 x Full-height expansion slot<br>Max. dimensions:<br>220 mm (L) x 27 mm (D) |
| Power       | Power Input             | 90 V~264 V AC                                                                |
|             | Power Model             | ACE-A618C 180W, ACE-A630C 300W                                               |
| Reliability | Mounting                | Desktop, wall mount                                                          |
|             | Operating Temperature   | 0°C ~ 50°C                                                                   |
|             | Weight (Net/Gross)      | 2.5 kg/3.9 kg                                                                |

### Dimensions (Unit: mm)



### Compatible SBC

| Part No.                                                                            | Recommended CPU Cooler                   |                       |                  |                      |                    |                    |       |        |            |
|-------------------------------------------------------------------------------------|------------------------------------------|-----------------------|------------------|----------------------|--------------------|--------------------|-------|--------|------------|
| KINO-AQ170                                                                          | CF-115XA-R10, CF-1156C-R20, CF-1156D-R30 |                       |                  |                      |                    |                    |       |        |            |
| 1U AC Input                                                                         |                                          |                       |                  |                      |                    |                    |       |        |            |
| Products                                                                            | Model No.                                | Watt<br>AT/ATX<br>PFC | Input<br>Voltage | Output Current Range |                    |                    |       |        | Efficiency |
|                                                                                     |                                          |                       |                  | +3.3 V               | +5 V               | +12 V              | -12 V | +5 Vsb |            |
|  | ACE-A630C                                | 300W<br>ATX           | 90~265<br>VAC    | 16A<br>(0.5A min.)   | 18A<br>(0.5A min.) | 15A<br>(0.5A min)  | 0.5A  | 3A     | 82%        |
|  | ACE-A618C                                | 180W<br>ATX           | 90~264<br>VAC    | 10A<br>(0.1A min)    | 14A<br>(0.2A min.) | 10A<br>(0.6A min.) | 0.3A  | 2.5A   | 85%        |

### Ordering Information

| Part No.               | Description                                                                                        |
|------------------------|----------------------------------------------------------------------------------------------------|
| EBC-3100-R12/ACE-A618C | Mini-ITX embedded chassis, one 3.5" hard drive bay, with ACE-A618C-RS 180W ATX power supply, black |
| EBC-3100-R12/ACE-A630C | Mini-ITX embedded chassis, one 3.5" hard drive bay, with ACE-A630C-RS 300W ATX power supply, black |

### Packing List

|                |                    |                         |
|----------------|--------------------|-------------------------|
| 1 x System Fan | 1 x Screw set      | 1 x QIG                 |
| 1 x Power cord | 1 x Wall mount kit | 1 x SATA slim ODD cable |

# EBC-3000

Mini-ITX Chassis for High Power Consumption Applications



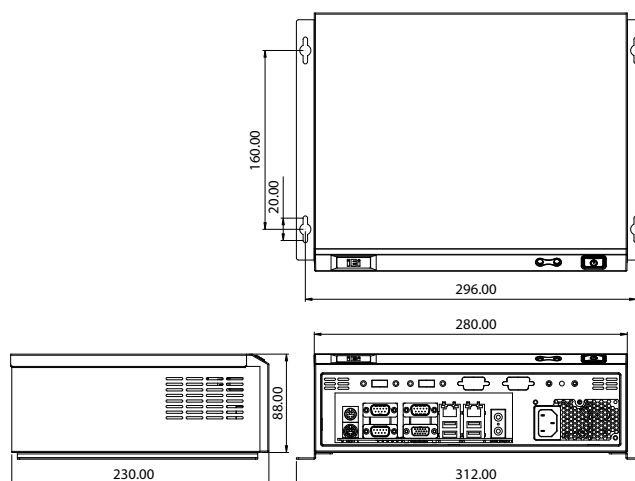
## Features

- Designed for high performance applications, bundled with 270W high efficiency ATX power supply
- Front accessible I/O design
- One 3.5" hard drive capacity

## Specifications

| Model Name  |                         | EBC-3000                                  |
|-------------|-------------------------|-------------------------------------------|
| Platform    |                         | Case only                                 |
| Chassis     | Color                   | Black                                     |
|             | Dimensions (WxDxH) (mm) | 280 x 230 x 88                            |
|             | System Fan (WxDxH) (mm) | 60 x 60 x 25                              |
|             | Chassis Construction    | Heavy duty metal with plastic front panel |
| Motherboard | Motherboard Model       | Refer to KINO Series                      |
|             | SBC Size (mm)           | Mini-ITX (170 x 170)                      |
| Storage     | Hard Drive              | 1 x 3.5" SATA HDD space                   |
| Power       | Power Input             | 90 V~264 V AC                             |
|             | Power Model             | ACE-A618C 180W, ACE-A630C 300W            |
| Reliability | Mounting                | Desktop, wall mount                       |
|             | Operating Temperature   | 0°C ~ 50°C                                |
|             | Weight (Net/Gross)      | 2.5 kg/3.9 kg                             |

## Dimensions (Unit: mm)



## Compatible SBC

| Part No.                                                                            | Recommended CPU Cooler                   |                       |                  |                      |                    |                    |       |        |            |
|-------------------------------------------------------------------------------------|------------------------------------------|-----------------------|------------------|----------------------|--------------------|--------------------|-------|--------|------------|
| KINO-AQ170                                                                          | CF-115XA-R10, CF-1156C-R20, CF-1156D-R30 |                       |                  |                      |                    |                    |       |        |            |
| 1U AC Input                                                                         |                                          |                       |                  |                      |                    |                    |       |        |            |
| Products                                                                            | Model No.                                | Watt<br>AT/ATX<br>PFC | Input<br>Voltage | Output Current Range |                    |                    |       |        | Efficiency |
|                                                                                     |                                          |                       |                  | +3.3 V               | +5 V               | +12 V              | -12 V | +5 Vsb |            |
|  | ACE-A630C                                | 300W<br>ATX           | 90~265<br>VAC    | 16A<br>(0.5A min.)   | 15A<br>(0.5A min)  | 0.5A               | 0.8A  | 3A     | 82%        |
|  | ACE-A618C                                | 180W<br>ATX           | 90~264<br>VAC    | 10A<br>(0.1A min)    | 14A<br>(0.2A min.) | 10A<br>(0.6A min.) | 0.3A  | 2.5A   | 85%        |

## Ordering Information

| Part No.               | Description                                                                                        |
|------------------------|----------------------------------------------------------------------------------------------------|
| EBC-3000-R12/ACE-A618C | Mini-ITX embedded chassis, one 3.5" hard drive bay, with ACE-A618C-RS 180W ATX power supply, black |
| EBC-3000-R12/ACE-A630C | Mini-ITX embedded chassis, one 3.5" hard drive bay, with ACE-A630C-RS 300W ATX power supply, black |

## Packing List

|                |                    |         |
|----------------|--------------------|---------|
| 1 x System fan | 1 x Screw set      | 1 x QIG |
| 1 x Power cord | 1 x Wall mount kit |         |

# Chassis Selection Guide

|  | Model No.  | Type | Board Type                                  |                          | Max. Slots | Drive Capacity |           |          |          | Fan Spec. |      |      |       |
|--|------------|------|---------------------------------------------|--------------------------|------------|----------------|-----------|----------|----------|-----------|------|------|-------|
|  |            |      | SBC Slot                                    | Motherboard              |            | 5.25" F.P.     | 3.5" F.P. | 2.5" Int | 3.5" Int | 4 cm      | 6 cm | 8 cm | 12 cm |
|  | RACK-1150G | 1U   | PICMG 1.0 full-size/<br>PICMG 1.3 full-size |                          | 3          | 1              |           |          | 1        | 3         |      |      |       |
|  | RACK-220G  | 2U   | PICMG 1.0 full-size                         | *microATX, Mini-ITX      | 6          | 1              | 1         |          | 1        |           |      | 2    |       |
|  | RACK-305G  | 4U   | Full-size                                   | *ATX, microATX, Mini-ITX | 14         | 2              | 1         |          | 1        |           | ***2 | 2    |       |
|  | RACK-360G  | 4U   | Full-size                                   | *ATX, microATX, Mini-ITX | 14         | 2              | 1         |          | 1        |           | ***2 |      | 1     |
|  | RACK-3000G | 4U   | Full-size                                   | *ATX, microATX, Mini-ITX | 14         | 3              | 2         |          | 1        |           | ***2 | 2    |       |
|  | RACK-500AI | 5U   | Full-size                                   |                          | 5          |                | 1         |          | 1        |           |      | 1    |       |
|  | ECA-300    |      |                                             | ATX, microATX            | 7          | 2              |           | 1        | 1        |           |      |      |       |
|  | ECA-200    |      |                                             | microATX                 | 4          |                |           | 1        | 1        |           |      |      |       |
|  | ECA-100    |      |                                             | ATX, microATX            | 7          |                |           | 1        | 1        |           |      |      |       |
|  | PAC-1000G  |      | Full-size                                   |                          | 6          | 1              | 1         |          | 1        |           |      | 1    |       |
|  | PAC-106G   |      | Full-size                                   |                          | 6          |                | 1         |          | 1        |           |      | 1    |       |
|  | PAC-1700G  |      | Full-size                                   |                          | 7          | 1              | 1         |          | 2        |           |      | 1    |       |
|  | PAC-125G   |      | Full-size                                   |                          | 10         | 2              | 1         |          | 1        |           |      | 1    |       |
|  | PAC-53GH   |      | Half-size                                   |                          | 3          |                |           | 1        |          |           |      |      |       |
|  | PR-1500G   |      | Half-size                                   |                          | 5          | ◇1             | 1         |          | 1        |           |      | 1    |       |
|  | PAC-700G   |      | Half-size                                   |                          | 7          | 1              | △1        |          | 1        |           |      | 1    |       |

|  | Model No.  | Indicators |     | Front Panel Control |       |    |     |         |     | Back Panel Control |     | PSU                    | Dimensions (mm) |        |       | Color               |       |
|--|------------|------------|-----|---------------------|-------|----|-----|---------|-----|--------------------|-----|------------------------|-----------------|--------|-------|---------------------|-------|
|  |            | Power      | HDD | Power               | Reset | KB | USB | Keylock | COM | USB                | COM |                        | Depth           | Height | Width | Black               | White |
|  | RACK-1150G | O          | O   | O                   | O     |    | 2   |         |     |                    |     | 1U                     | 449             | 44     | 431   | O                   |       |
|  | RACK-220G  | O          | O   | O                   | O     |    | 2   | O       |     |                    |     | PS/2                   | 487.5           | 88     | 431   | O                   | O     |
|  | RACK-305G  | O          | O   | O                   | O     | O  | 2   | O       |     |                    |     | PS/2 or mini redundant | 413             | 176    | 431   | O                   | O     |
|  | RACK-360G  | O          | O   | O                   | O     | O  | 2   | O       |     |                    |     | PS/2 or mini redundant | 435.5           | 176    | 431   | O                   | O     |
|  | RACK-3000G | O          | O   | O                   | O     |    |     | O       |     |                    |     | PS/2 or mini redundant | 520             | 176    | 431   | O                   | O     |
|  | RACK-500AI | O          | O   | O                   | O     |    | 2   |         |     |                    |     | 1U                     | 440.2           | 221.3  | 110.6 | (Navy Blue & Black) |       |
|  | ECA-300    | O          | O   | O                   | O     |    | 2   |         | 6   |                    |     | 1U                     | 291             | 162    | 365   | O                   |       |
|  | ECA-200    | O          | O   | O                   | O     |    | 2   |         | 6   |                    |     | 1U                     | 310             | 162    | 310   | O                   |       |
|  | ECA-100    | O          | O   | O                   | O     |    | 2   |         |     | 4                  | 2   | 1U                     | 320             | 480.5  | 210   |                     | O     |
|  | PAC-1000G  | O          | O   | O                   | O     |    |     |         |     |                    |     | PS/2                   | 421             | 176    | 232   | O                   |       |
|  | PAC-106G   | O          | O   | O                   | O     |    | 2   |         |     |                    |     | 1U                     | 400             | 175.5  | 166   |                     | O     |
|  | PAC-1700G  | O          | O   | O                   | O     |    |     |         |     |                    |     | PS/2                   | 433             | 253.7  | 192.4 | O                   |       |
|  | PAC-125G   | O          | O   | O                   | O     |    | 2   | O       |     |                    |     | PS/2                   | 420             | 176    | 321   |                     | O     |
|  | PAC-53GH   | O          | O   | O                   | O     |    | 2   |         |     |                    |     | 1U                     | 218             | 200    | 95    |                     | O     |
|  | PR-1500G   | O          | O   | O                   | O     |    | 2   |         |     |                    |     | 1U                     | 254             | 132    | 286   |                     | O     |
|  | PAC-700G   | O          | O   | O                   | O     |    | 2   | O       |     |                    |     | 1U                     | 279             | 176    | 321   | O                   |       |

Rackmount chassis

Full-size wall mount chassis

Half-size wall mount chassis

\* For ATX model

\*\*\* Optional fans for ATX model

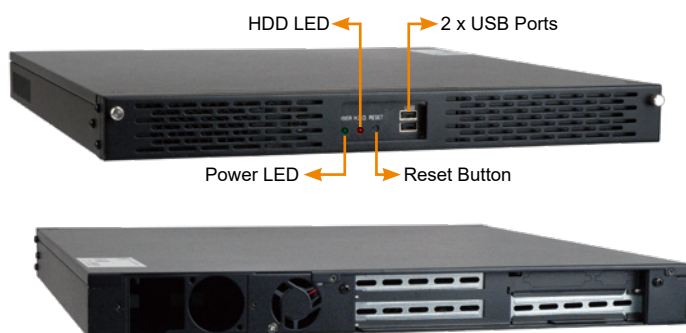
◇ Slim-type CD-ROM

△ Please refer to datasheet for detail information

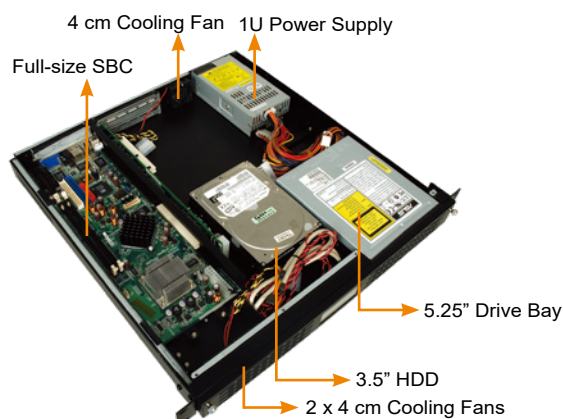


# RACK-1150G/1150G-PE

1U Full-size Rackmount Chassis



CD-ROM, and HDD are not included in package



## Features

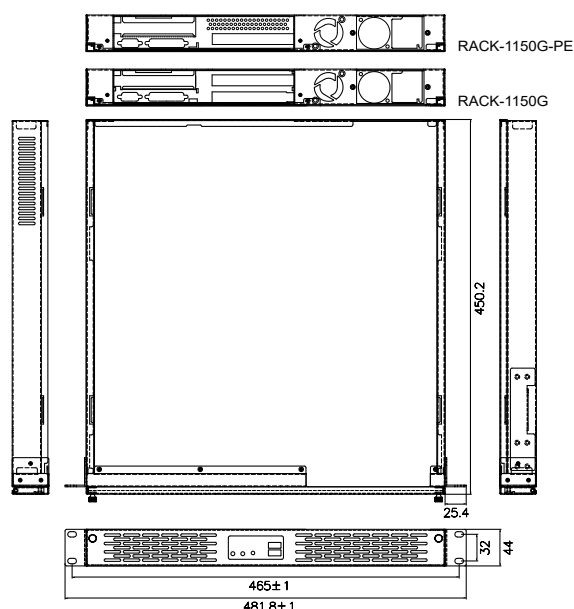
- RoHS compliant design
- Two front-accessible USB ports
- One 5.25" drive bay
- One 3.5" internal hard drive bay
- Three 4 cm cooling fans

## Specifications

|                         |                                      |
|-------------------------|--------------------------------------|
| ◆ Construction          | Heavy duty metal                     |
| ◆ SBC Form Factor       | Full-size CPU card                   |
| ◆ Drive Bays            | 1 x 5.25"<br>1 x 3.5" HDD (internal) |
| ◆ Cooling Fans          | 3 x 4 cm                             |
| ◆ I/O Ports             | 2 x USB                              |
| ◆ I/O Openings          | 1 x COM, 1 x LPT                     |
| ◆ Expansion Slots       | 3 slots/2 slots (PE)                 |
| ◆ Indicators            | Power, HDD                           |
| ◆ Button                | Power switch, reset button           |
| ◆ Operating Temperature | 0°C ~ 50°C                           |
| ◆ Operating Humidity    | 10% ~ 90%                            |
| ◆ Color                 | B: Black                             |
| ◆ Weight (Net/Gross)    | 7.5 kg/9.5 kg                        |
| ◆ Dimensions (DxWxH)    | 449 mm x 431 mm x 44 mm              |

RACK-1150G and RACK-1151G support processors with a maximum TDP of 31 W only.

## Dimensions (Unit: mm)



## Backplane Options

| Model No.   | SBC Type  | PCI | ISA | PCIe |    |     | PSU Connector |
|-------------|-----------|-----|-----|------|----|-----|---------------|
|             |           |     |     | x1   | x4 | x16 |               |
| PCI-2SD2-RS | PICMG 1.0 | 2   | 0   | 0    | 0  | 0   | ATX           |
| PE-2SD1*    | PICMG 1.3 | 0   | 0   | 0    | 0  | 1   | ATX           |
| PE-2SD2*    | PICMG 1.3 | 1   | 0   | 0    | 0  | 0   | ATX           |

Adapter cable 32100-040600-RS is required when connecting PCI-2SD2-RS to a standard ATX supply.

\* For RACK-1150G-PE

## Power Supply Options

| Type | Model No.      | Watt |
|------|----------------|------|
| ATX  | ACE-A618C-R10  | 180W |
|      | ACE-A4520D-R10 | 250W |
|      | ACE-A630C-R10  | 300W |

RACK-1150G supports single 1U height PSU. For more IEI PSU models, please refer to section 5 or visit www.ieiworld.com.

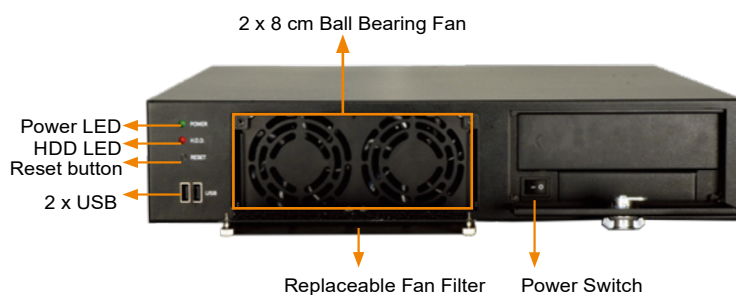
## Cable Options

| Part No.                 | Description                                                                                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------|
| RACK-1150GB-PE-R11/A618C | 1U 2-slot full size rackmount chassis for PICMG 1.3 backplane, Black, 3x 4cm fan, with ACE-A618C-RS-R10(180W), RoHS |
| RACK-1150GB-R11/A618C    | 1U 3-slot full size rackmount chassis for PICMG 1.0 backplane, Black, 3x 4cm fan, with ACE-A618C-RS-R10(180W), RoHS |

| Part No.            | Description                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| 32102-033200-100-RS | WIRE CABLE; POWER CABLE; 2; 100MM; 18AWG; (A)MOLEX 5557-0400 P=4.2; (B)MOLEX 5559-0400 P=4.2; Wins Precision; RoHS |
| 32100-040602-RS     | WIRE CABLE; POWER CABLE; 2; 400MM; 18AWG; (A)MOLEX 5559-20P P=4.2MM; (B)MOLEX 5557-16P P=4.2MM; RACK-2320; RoHS    |

# RACK-220G

2U 6-slot Full-size Rackmount Chassis



CD-ROM, and HDD are not included in package



RACK-220GBATX



RACK-220GB  
B-Black

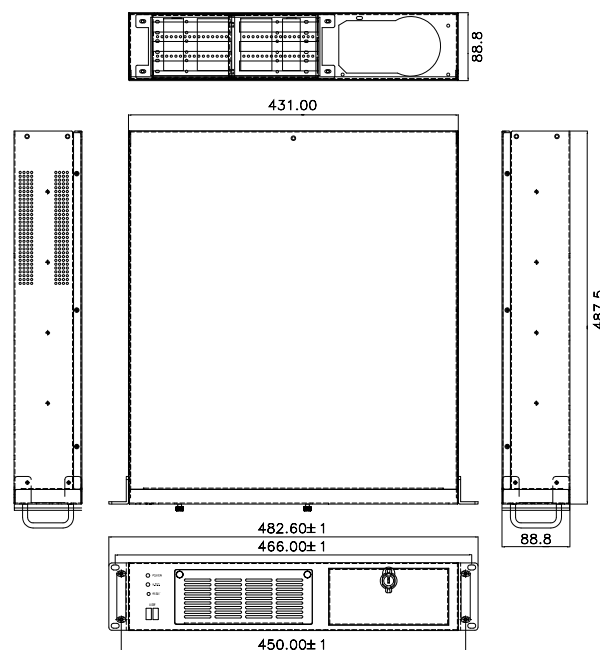
## Features

- RoHS compliant design
- Two USB ports on the front panel
- Two 8 cm cooling fans with replaceable fan filter
- One 5.25" and one 3.5" drive bays
- One 3.5" internal hard drive bay
- Lockable door prevents unauthorized access

## Specifications

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| ◆ Construction          | Heavy duty metal                                 |
| ◆ SBC Form Factor       | Full-size, slot CPU card                         |
| ◆ Drive Bays            | 1 x 5.25"<br>1 x 3.5"<br>1 x 3.5" HDD (internal) |
| ◆ Cooling Fans          | 2 x 8 cm                                         |
| ◆ I/O Ports             | 2 x USB                                          |
| ◆ Expansion Slots       | 6 slots                                          |
| ◆ Indicators            | Power, HDD                                       |
| ◆ Button                | Power switch, reset button                       |
| ◆ Operating Temperature | 0°C ~ 50°C                                       |
| ◆ Operating Humidity    | 10% ~ 90%                                        |
| ◆ Color                 | Black                                            |
| ◆ Weight (Net/Gross)    | 8.2 kg/12.4 kg                                   |
| ◆ Dimensions (DxWxH)    | 488 mm x 431 mm x 89 mm                          |

## Dimensions (Unit: mm)



## Selection Guide

| Model No.         | SBC Type    | PSU Type | Color |
|-------------------|-------------|----------|-------|
| RACK-220G [B]     | PICMG 1.0   | PS/2     | Black |
| RACK-220G [B] ATX | microATX MB | PS/2     | Black |

## Backplane Options

| Model No.   | SBC Type  | PCI   | ISA   | PCIe |    |     | PSU Connector |
|-------------|-----------|-------|-------|------|----|-----|---------------|
|             |           |       |       | x1   | x4 | x16 |               |
| PCI-5SDA-RS | PICMG 1.0 | L2+R2 | 0     | 0    | 0  | 0   | AT/ATX        |
| PCI-5SD6-RS | PICMG 1.0 | L2+R2 | 0     | 0    | 0  | 0   | ATX           |
| PCI-6SD-RS  | PICMG 1.0 | L1+R1 | L1+R1 | 0    | 0  | 0   | ATX           |

## Ordering Information

| Part No.                | Description                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------|
| RACK-220G [B]/A130C     | 2U 6-slot full-size rackmount chassis for PICMG 1.0 SBC, (black), 2 x 8 cm fan, with ACE-A130C-R10 (300W ATX model), RoHS |
| RACK-220G [B] ATX/A130C | 2U microATX motherboard rackmount chassis, (black), 2 x 8 cm fan, with ACE-A130C-R10 (300W ATX model), RoHS               |

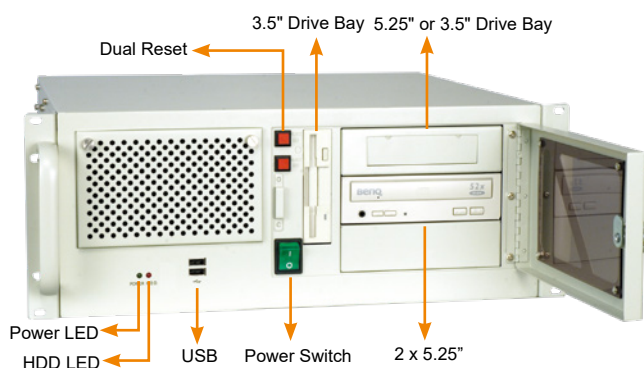
## Power Supply Options

| Type | Model No.       | Watt |
|------|-----------------|------|
| ATX  | ACE-A130C-R10   | 300W |
|      | ACE-A140B-S-R10 | 400W |

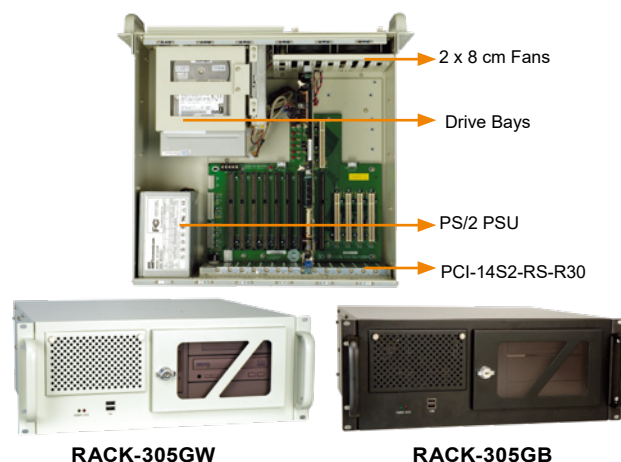
RACK-220G supports single PS/2 PSU. For more IEI PSU models, please refer to section 5 or visit [www.ieiworld.com](http://www.ieiworld.com).

# RACK-305G

4U 14-slot Full-size Rackmount Chassis



CD-ROM, and HDD are not included in package



RACK-305GW

RACK-305GB

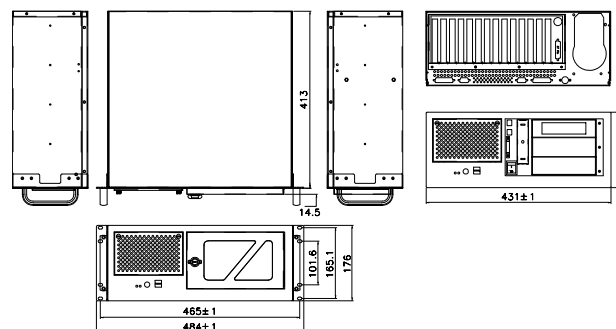
## Features

- RoHS compliant design
- Two USB ports on the front panel
- Dual reset buttons for dual systems
- Two 8 cm cooling fans with replaceable fan filters
- Lockable door prevents unauthorized access

## Specifications

|                         |                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ◆ Construction          | Heavy duty metal                                                                                                                                               |
| ◆ SBC Form Factor       | Full-size, slot CPU card                                                                                                                                       |
| ◆ Drive Combinations    | 3 x 5.25" + 1 x 3.5" HDD<br>or 2 x 5.25" + 2 x 3.5" HDD<br>or 2 x 5.25" + 1 x 3.5" HDD + 1 x front accessible 3.5"<br>or 2 x 5.25" + 2 x front accessible 3.5" |
| ◆ Cooling Fans          | 2 x 8 cm                                                                                                                                                       |
| ◆ I/O Ports             | 2 x USB                                                                                                                                                        |
| ◆ Expansion Slots       | 14 slots for RACK-305G<br>7 slots for RACK-305GATX                                                                                                             |
| ◆ Indicators            | Power, HDD                                                                                                                                                     |
| ◆ Button                | 1 x Power switch, 2 x reset buttons                                                                                                                            |
| ◆ Operating Temperature | 0°C ~ 50°C                                                                                                                                                     |
| ◆ Operating Humidity    | 10% ~ 90%                                                                                                                                                      |
| ◆ Color                 | W: White/B: Black                                                                                                                                              |
| ◆ Weight (Net/Gross)    | 10.4 kg/15 kg                                                                                                                                                  |
| ◆ Dimensions (DxWxH)    | 413 mm x 431 mm x 176 mm                                                                                                                                       |

## Dimensions (Unit: mm)



## Backplane Options

| Model No.   | SBC Type  | PCI | ISA | PCIX | PCIe |    |     | PSU Connector |
|-------------|-----------|-----|-----|------|------|----|-----|---------------|
|             |           |     |     |      | x1   | x4 | x16 |               |
| PCI-13SD-RS | PICMG 1.0 | 3+4 | 3+3 | 0    | 0    | 0  | 0   | AT/ATX        |
| PCI-14S2-RS | PICMG 1.0 | 4   | 8   | 0    | 0    | 0  | 0   | AT/ATX        |
| PCI-14S3-RS | PICMG 1.0 | 4   | 9   | 0    | 0    | 0  | 0   | AT/ATX        |
| PX-14S3-RS  | PICMG 1.0 | 12  | 2   | 0    | 0    | 0  | 0   | AT/ATX        |
| PX-14S5-RS  | PICMG 1.0 | 7   | 6   | 0    | 0    | 0  | 0   | AT/ATX        |
| PE-6S       | PICMG 1.3 | 2   | 0   | 0    | 2    | 0  | 1   | ATX           |
| PE-10S      | PICMG 1.3 | 4   | 0   | 0    | 4    | 0  | 1   | ATX           |
| PE-10S2     | PICMG 1.3 | 4   | 0   | 0    | 4    | 0  | 1   | ATX           |
| PXE-12S     | PICMG 1.3 | 4   | 0   | 6    | 0    | 0  | 1   | ATX           |
| PE-13SD     | PICMG 1.3 | 4   | 0   | 0    | 4    | 1  | 2   | ATX           |
| PXE-13S     | PICMG 1.3 | 8   | 0   | 0    | 3    | 0  | 1   | ATX           |
| SPXE-14S    | PICMG 1.3 | 0   | 0   | 0    | 12   | 0  | 0   | ATX           |

## Ordering Information

| Part No.                  | Description                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| RACK-305G □ -R22/A130C    | 4U 14-slot rackmount chassis, (black/white), 2 x 8 cm fan, with ACE-A130C-R10 (300W ATX model), RoHS         |
| RACK-305G □ ATX-R22/A130C | 4U ATX motherboard rackmount chassis, (black/white), 2 x 8 cm fan, with ACE-A130C-R10 (300W ATX model), RoHS |

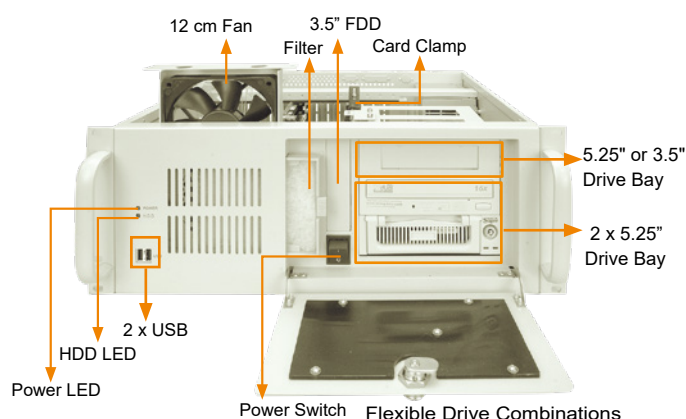
□ Color Code: B-Black W-White

## Power Supply Options

| Type          | Model No.       | Watt |
|---------------|-----------------|------|
| ATX           | ACE-A130C-R10   | 300W |
|               | ACE-A140B-S-R10 | 400W |
|               | ACE-A160B-R10   | 600W |
| ATX Redundant | ACE-R4130AP-RS  | 300W |
|               | ACE-R4150AP-R10 | 500W |

RACK-305G supports single PS/2 PSU. For more IEI PSU models, please refer to section 5 or visit [www.ieiworld.com](http://www.ieiworld.com).

# RACK-360G



## Features

- Cost-effective, RoHS compatible design
- Flexible drive combinations
- Two USB ports on the front panel
- 12 cm cooling fan with replaceable fan filter
- Lockable door prevents unauthorized access

## Specifications

|                         |                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ◆ Construction          | Heavy duty metal                                                                                                                                            |
| ◆ SBC Form Factor       | Full-size, slot CPU card                                                                                                                                    |
| ◆ Drive Combinations    | 3 x 5.25" + 1 x 3.5" HDD<br>or 2 x 5.25" + 2 x 3.5" HDD<br>or 2 x 5.25" + 1 x 3.5" HDD + 1 x front accessible 3.5" or 2 x 5.25" + 2 x front accessible 3.5" |
| ◆ Cooling Fans          | 1 x 12 cm                                                                                                                                                   |
| ◆ I/O Ports             | 2 x USB                                                                                                                                                     |
| ◆ I/O Openings          | 2 x COM, 2 x LPT                                                                                                                                            |
| ◆ Expansion Slots       | 14 slots for RACK-360G<br>7 slots for RACK-360GATX                                                                                                          |
| ◆ Indicators            | Power, HDD                                                                                                                                                  |
| ◆ Button                | Power switch, reset button                                                                                                                                  |
| ◆ Operating Temperature | 0°C ~ 50°C                                                                                                                                                  |
| ◆ Operating Humidity    | 10% ~ 90%                                                                                                                                                   |
| ◆ Color                 | B: Black/W: White                                                                                                                                           |
| ◆ Weight (Net/Gross)    | 11 kg/15.4 kg                                                                                                                                               |
| ◆ Dimensions (DxWxH)    | 435.5 mm x 431 mm x 176 mm                                                                                                                                  |

## Ordering Information

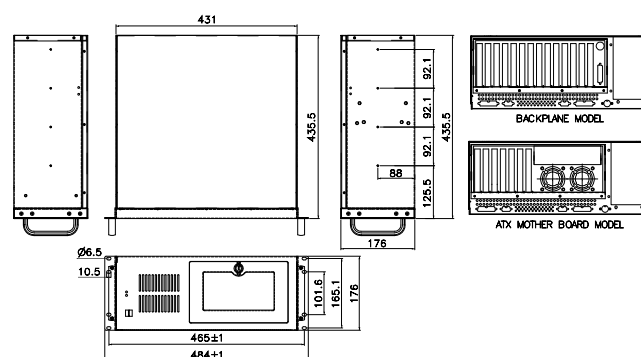
| Part No.                                                                                                           | Description                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>RACK-360G  -R23/A130C</b>    | 4U 14-slot rackmount chassis, (black/white), 1 x 12 cm fan, with ACE-A130C-R10 (300W ATX model), RoHS         |
| <b>RACK-360G  ATX-R23/A130C</b> | 4U ATX motherboard rackmount chassis, (black/white), 1 x 12 cm fan, with ACE-A130C-R10 (300W ATX model), RoHS |
| <b>RACK-360E  -R23/A130C</b>    | 4U 14-slot Rackmount Chassis, (black/white), 1x 12cm fan, w/ACE-A130C-R10 (300W ATX power)                    |
| <b>RACK-360E  ATX-R23/A130C</b> | 4U ATX motherboard Rackmount Chassis, (black/white), 1x 12cm fan, w/ACE-A130C-R10 (300W ATX power)            |

**C** Color Code: B-Black W-White

Model variations are listed below:

\* BACK-360G: with paint coating inside      \* BACK-360E: without paint coating inside

### ***Dimensions*** (Unit: mm)



## Backplane Options

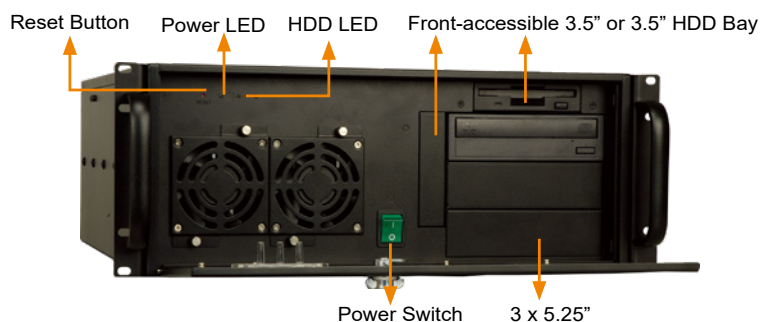
| Model No.   | SBC Type  | PCI | ISA | PCIX | PCle |    |     | PSU Connector |
|-------------|-----------|-----|-----|------|------|----|-----|---------------|
|             |           |     |     |      | x1   | x4 | x16 |               |
| PCI-13SD-RS | PICMG 1.0 | 3+4 | 3+3 | 0    | 0    | 0  | 0   | AT/ATX        |
| PCI-14S2-RS | PICMG 1.0 | 4   | 8   | 0    | 0    | 0  | 0   | AT/ATX        |
| PCI-14S3-RS | PICMG 1.0 | 4   | 9   | 0    | 0    | 0  | 0   | AT/ATX        |
| PX-14S3-RS  | PICMG 1.0 | 12  | 2   | 0    | 0    | 0  | 0   | AT/ATX        |
| PX-14S5-RS  | PICMG 1.0 | 7   | 6   | 0    | 0    | 0  | 0   | AT/ATX        |
| PE-6S       | PICMG 1.3 | 2   | 0   | 0    | 2    | 0  | 1   | ATX           |
| PE-10S      | PICMG 1.3 | 4   | 0   | 0    | 4    | 0  | 1   | ATX           |
| PE-10S2     | PICMG 1.3 | 4   | 0   | 0    | 4    | 0  | 1   | ATX           |
| PXE-12S     | PICMG 1.3 | 4   | 0   | 6    | 0    | 0  | 1   | ATX           |
| PE-13SD     | PICMG 1.3 | 4   | 0   | 0    | 4    | 1  | 2   | ATX           |
| PXE-13S     | PICMG 1.3 | 8   | 0   | 0    | 3    | 0  | 1   | ATX           |
| SPXE-14S    | PICMG 1.3 | 0   | 0   | 0    | 12   | 0  | 0   | ATX           |

## Power Supply Options

| Type          | Model No.       | Watt  |
|---------------|-----------------|-------|
| ATX           | ACE-A130C-R10   | 300W  |
|               | ACE-A140B-S-R10 | 400W  |
|               | ACE-A160B-R10   | 600W  |
|               | ACE-A210A-R10   | 1000W |
| ATX Redundant | ACE-R4130AP-RS  | 300W  |
|               | ACE-R4150AP-R10 | 500W  |

RACK-360G supports single PS/2 PSU. For more IEI PSU models, please refer to section 5 or visit [www.ieiworld.com](http://www.ieiworld.com).

# RACK-3000G 4U 14-slot Full-size Rackmount Chassis



CD-ROM and HDD are not included in package

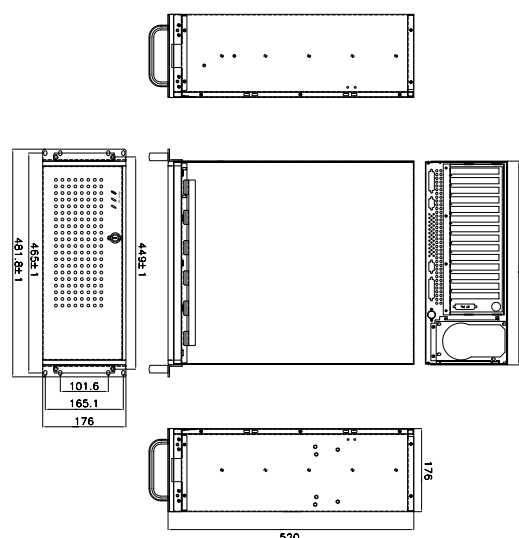


RACK-3000GBATX



RACK-3000GB

## Dimensions (Unit: mm)



## Features

- RoHS compliant design
- Compatible with ATX and microATX form factor motherboards
- Three 5.25" and three 3.5" drive bays
- Two 8 cm cooling fans
- Lockable door prevents unauthorized access

## Specifications

|                         |                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| ◆ Construction          | Heavy duty metal                                                                                                                         |
| ◆ SBC Form Factor       | Full-size, slot CPU card                                                                                                                 |
| ◆ Drive Bays            | 3 x 5.25" + 1 x front-accessible 3.5" + 2 x 3.5" HDD or 3 x 5.25" + 2 x front-accessible 3.5" + 1 x 3.5" HDD or 3 x 5.25" + 3 x 3.5" HDD |
| ◆ Cooling Fans          | 2 x 8 cm                                                                                                                                 |
| ◆ I/O Openings          | 2 x COM, 2 x LPT, 1 x PS2                                                                                                                |
| ◆ Expansion Slots       | 14 slots for RACK-3000G<br>7 slots for RACK-3000GATX                                                                                     |
| ◆ Indicators            | Power, HDD                                                                                                                               |
| ◆ Button                | Power switch, reset button                                                                                                               |
| ◆ Operating Temperature | 0°C ~ 50°C                                                                                                                               |
| ◆ Operating Humidity    | 10% ~ 90%                                                                                                                                |
| ◆ Color                 | Black                                                                                                                                    |
| ◆ Weight (Net/Gross)    | 13 kg/18 kg                                                                                                                              |
| ◆ Dimensions (DxWxH)    | 520 mm x 431 mm x 176 mm                                                                                                                 |

## Ordering Information

| Part No.                  | Description                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------|
| RACK-3000G[R21/A130C]     | 4U 14-slot rackmount chassis, (black), 2 x 8 cm fan, with ACE-A130C-R10 (300W ATX model), RoHS         |
| RACK-3000G[ATX-R21/A130C] | 4U ATX motherboard rackmount chassis, (black), 2 x 8 cm fan, with ACE-A130C-R10 (300W ATX model), RoHS |

## Backplane Options

| Model No.   | SBC Type  | PCI | ISA | PCIX | PCIe |    |     | PSU Connector |
|-------------|-----------|-----|-----|------|------|----|-----|---------------|
|             |           |     |     |      | x1   | x4 | x16 |               |
| PCI-14S-RS  | PICMG 1.0 | 4   | 9   | 0    | 0    | 0  | 0   | AT/ATX        |
| PCI-14S3-RS | PICMG 1.0 | 4   | 9   | 0    | 0    | 0  | 0   | AT/ATX        |
| PX-14S3-RS  | PICMG 1.0 | 12  | 2   | 0    | 0    | 0  | 0   | AT/ATX        |
| PX-14S5-RS  | PICMG 1.0 | 7   | 6   | 0    | 0    | 0  | 0   | AT/ATX        |
| PE-6S       | PICMG 1.3 | 2   | 0   | 0    | 2    | 0  | 1   | ATX           |
| PE-10S      | PICMG 1.3 | 4   | 0   | 0    | 4    | 0  | 1   | ATX           |
| PE-10S2     | PICMG 1.3 | 4   | 0   | 0    | 4    | 0  | 1   | ATX           |
| PXE-13S     | PICMG 1.3 | 8   | 0   | 0    | 3    | 0  | 1   | ATX           |
| SPXE-14S    | PICMG 1.3 | 0   | 0   | 0    | 12   | 0  | 0   | ATX           |

## Power Supply Options

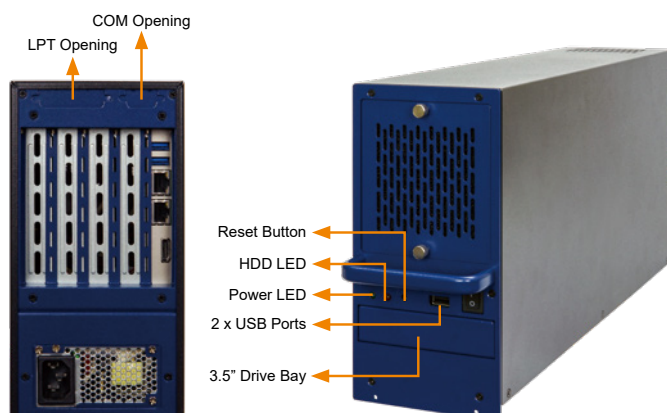
| Type          | Model No.       | Watt  |
|---------------|-----------------|-------|
| ATX           | ACE-A130C-R10   | 300W  |
|               | ACE-A140B-S-R10 | 400W  |
|               | ACE-A160B-R10   | 600W  |
|               | ACE-A210A-R10   | 1000W |
| ATX Redundant | ACE-R4130AP-RS  | 300W  |
|               | ACE-R4150AP-R10 | 500W  |

RACK-3000G supports single PS/2 PSU. For more IEI PSU models, please refer to section 5 or visit [www.ieiworld.com](http://www.ieiworld.com).



# RACK-500AI

5U 5-slot Full-size Rackmount Chassis



FDD and HDD are not included in the package



CA-950GB-R10

19" rack carrier can carry four RACK-500AI and fit into standard 19"-width rack with 5U height.



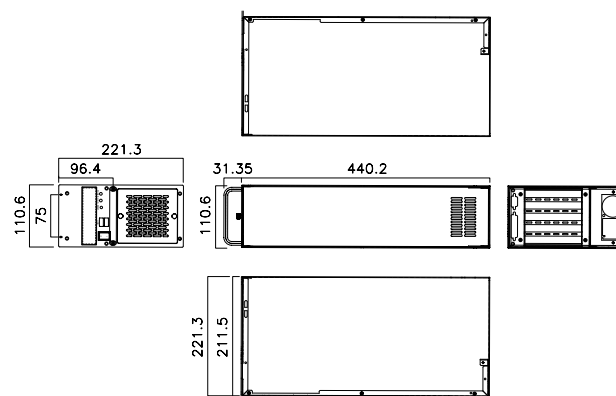
## Features

- RoHS compliant design
- 2 x USB ports on front panel
- One front-accessible 3.5" and one internal 3.5" HDD drive bays
- Hot-swappable 8 cm cooling fan
- 19" rack-mountable carrier (optional)

## Specifications

|                                                         |                                                                                                                                            |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| ◆ Construction                                          | Heavy duty metal                                                                                                                           |
| ◆ SBC Form Factor                                       | Full-size CPU cards                                                                                                                        |
| ◆ Drive Bays                                            | 1 x Front-accessible 3.5"<br>1 x 3.5" HDD                                                                                                  |
| ◆ Cooling Fans                                          | 1 x 8 cm                                                                                                                                   |
| ◆ I/O Ports                                             | 2 x USB                                                                                                                                    |
| ◆ I/O Openings                                          | 1 x LPT, 1 x COM                                                                                                                           |
| ◆ Expansion Slots                                       | 5 slots                                                                                                                                    |
| ◆ Indicators                                            | Power, HDD                                                                                                                                 |
| ◆ Button                                                | Power switch, reset button                                                                                                                 |
| ◆ Operating Temperature                                 | 0°C ~ 50°C                                                                                                                                 |
| ◆ Operating Humidity                                    | 10% ~ 90%                                                                                                                                  |
| ◆ Color                                                 | Navy blue and black                                                                                                                        |
| ◆ Weight (Net/Gross)                                    | 6 kg/9 kg                                                                                                                                  |
| ◆ Dimensions (DxWxH)                                    | 440.2 mm x 110.6 mm x 221.3 mm                                                                                                             |
| ◆ PCIe Expansion Card (GPU/Add-on Cards) Recommendation | Total maximum up to 150W (80W CPU with 16GB memory, 350W ATX Power)<br>Total maximum up to 180W (35W CPU with 16GB memory, 350W ATX Power) |

## Dimensions (Unit: mm)



## Backplane Options

| Model No.   | SBC Type  | PCI | ISA | PCIe |    |     | PSU Connector |
|-------------|-----------|-----|-----|------|----|-----|---------------|
|             |           |     |     | x1   | x4 | x16 |               |
| PCI-5S2-RS  | PICMG 1.0 | 4   | 1   | 0    | 0  | 0   | AT            |
| PCI-5S2A-RS | PICMG 1.0 | 4   | 1   | 0    | 0  | 0   | ATX           |
| PE-3S1      | PICMG 1.3 | 0   | 0   | 0    | 1  | 1   | ATX           |
| PE-5S2      | PICMG 1.3 | 0   | 0   | 3    | 0  | 1   | ATX           |
| PE-5S       | PICMG 1.3 | 2   | 0   | 0    | 1  | 1   | ATX           |
| HPE-5S1     | PCI/PICoE | 4   | 0   | 0    | 0  | 0   | ATX           |
| HPXE2-5S1   | HPCIE     | 2   | 0   | 0    | 0  | 1   | ATX           |

\*Only R20 or later versions support PICMG 1.3 backplane.

## Ordering Information

| Part No.              | Description                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------|
| RACK-500AI-R10/A618C  | 5U Height 5 Slots Full size Chassis, Navy Blue and Black, 1x 8cm fan, with ACE-A618C-RS-R10(180W), RoHS |
| RACK-500AI-R10/FSP350 | 5U Height 5 Slots Full size Chassis, Navy Blue and Black, 1x 8cm fan, with FSP350-50FCB(350W), RoHS     |
| CA-950GB-R10          | 19" Rackmount Carrier for RACK-500G/RACK-900G/RACK-500AI                                                |

## Power Supply Options

| Type | Model No.           | Watt |
|------|---------------------|------|
| ATX  | ACE-A618C-R10       | 180W |
|      | 63030-010350-000-RS | 350W |

RACK-500AI-R10 supports single 1U height AT type PSU. For more IEI PSU models, please refer to section 5 or visit [www.ieiworld.com](http://www.ieiworld.com).

### ***Tower Industrial Chassis***



### Dimensions (Unit: mm)

- 

Technical drawing of the server rack showing front, top, and side views with dimensions:

- Front view: Shows the rack's front panel with a large ventilation grille and a control panel at the bottom. Dimensions: 480.50 (width) and 320.00 (height).
- Top view: Shows the top of the rack. Dimensions: 480.50 (width) and 210.00 (depth).
- Side view: Shows the side of the rack, highlighting the internal components and the side panel. Dimensions: 210.00 (depth) and 320.00 (height).

### Compatible SBC

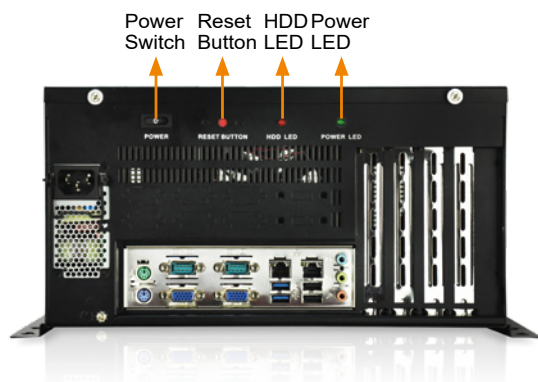
| Model No.    | SBC Type | PCI | PCIe |    |    |     |
|--------------|----------|-----|------|----|----|-----|
|              |          |     | x1   | x4 | x8 | x16 |
| IMBA-Q470    | ATX      | 3   | 0    | 3  | 0  | 1   |
| IMBA-C2460   | ATX      | 2   | 0    | 3  | 2  | 0   |
| IMBA-Q370    | ATX      | 2   | 0    | 3  | 2  | 0   |
| IMBA-H310    | ATX      | 4   | 0    | 1  | 0  | 1   |
| IMBA-H112    | ATX      | 4   | 0    | 1  | 0  | 1   |
| IMBA-Q170-i2 | ATX      | 2   | 0    | 3  | 2  | 0   |
| IMBA-H110    | ATX      | 6   | 0    | 0  | 0  | 1   |
| IMBA-H810    | ATX      | 4   | 2    | 0  | 0  | 1   |
| IMBA-Q870-i2 | ATX      | 4   | 1    | 1  | 0  | 1   |
| IMB-Q870-i2  | microATX | 1   | 1    | 1  | 0  | 1   |
| IMB-H810-i2  | microATX | 2   | 1    | 0  | 0  | 1   |
| IMB-H610A    | microATX | 0   | 3    | 0  | 0  | 1   |

| Part No.    | Description                                                                                                                                      |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| ECA-300-R11 | Mini-tower chassis, supports microATX or ATX motherboard, one 3.5" HDD/2.5" SSD bay, two 5.25" CD-ROM bays, supports PS/2 ATX power supply, RoHS |

| Type | Model No.      | Watt |
|------|----------------|------|
| ATX  | ACE-A160B-R10  | 600W |
|      | ACE-4840APM-RS | 400W |
|      | ACE-A140B-R10  | 400W |
|      | ACE-A130C-R10  | 300W |

# ECA-200

## Industrial Chassis



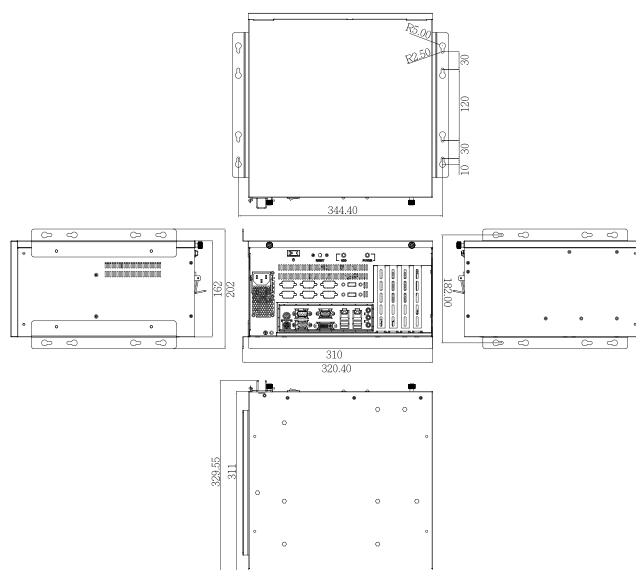
### Features

- RoHS compliant design
- Supports microATX motherboard
- One 3.5" HDD or one 2.5" HDD/SSD bay
- Four expansion slots

### Specifications

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| ◆ Construction          | Heavy duty metal                                                                          |
| ◆ SBC Form Factor       | microATX                                                                                  |
| ◆ PSU                   | 1U flex power supply                                                                      |
| ◆ Drive Bays            | 1 x 3.5"/2.5" HDD/SSD<br>Expansion: 1 x 3.5"/2.5" HDD/SSD by the optional ECA-HDD-KIT-R10 |
| ◆ Cooling Fans          | 1                                                                                         |
| ◆ I/O Openings          | 2 x USB<br>6 x COM                                                                        |
| ◆ Expansion Slots       | 4                                                                                         |
| ◆ Indicators            | 1 x Power LED, 1 x HDD LED                                                                |
| ◆ Button                | 1 x Reset button, 1 x Power switch                                                        |
| ◆ Installation          | Desktop, wall mount                                                                       |
| ◆ Operating Temperature | -10°C ~ 50°C                                                                              |
| ◆ Operating Humidity    | 5% ~ 95%                                                                                  |
| ◆ Color                 | Black                                                                                     |
| ◆ Dimensions (DxWxH)    | 310 mm x 310 mm x 162 mm                                                                  |
| ◆ Operating Vibration   | MIL-STD-810F 514.5C-1                                                                     |
| ◆ Operating Shock       | Half-sine wave 3G, 11ms, 100 shocks per axis                                              |
| ◆ Weight (Net/Gross)    | TBD                                                                                       |

### Dimensions (Unit: mm)



### Compatible SBC

| Model No.   | SBC Type | PCI | PCIe |    |    |     |
|-------------|----------|-----|------|----|----|-----|
|             |          |     | x1   | x4 | x8 | x16 |
| IMB-Q870-i2 | microATX | 1   | 1    | 1  | 0  | 1   |
| IMB-H810-i2 | microATX | 2   | 1    | 0  | 0  | 1   |
| IMB-H110    | microATX | 2   | 1    | 0  | 0  | 1   |

### Ordering Information

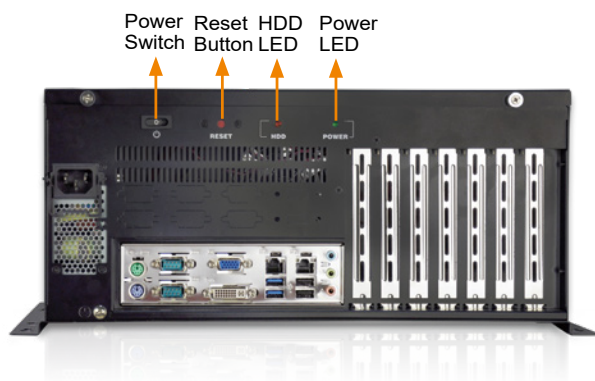
| Part No.        | Description                                                                                               |
|-----------------|-----------------------------------------------------------------------------------------------------------|
| ECA-200-R20     | Desktop/wall-mount industrial chassis, supports microATX motherboard and 1U ATX power supply, black, RoHS |
| ECA-HDD-KIT-R10 | Additional 2.5"/3.5" HDD kit for ECA-100/ECA-200, R10                                                     |

### Power Supply Options

| Type | Model No.     | Watt |
|------|---------------|------|
| ATX  | ACE-A615C-R10 | 150W |
|      | ACE-A618C-R10 | 180W |
|      | ACE-A622C-R10 | 220W |
|      | ACE-A630C-R10 | 300W |

## ECA-100

Industrial Chassis



## Features

- RoHS compliant design
- Supports ATX/microATX motherboard
- One 3.5" HDD or one 2.5" HDD/SSD bay
- Seven expansion slots

## Specifications

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| ◆ Construction          | Heavy duty metal                                                                          |
| ◆ SBC Form Factor       | ATX/microATX                                                                              |
| ◆ PSU                   | 1U flex power supply                                                                      |
| ◆ Drive Bays            | 1 x 3.5"/2.5" HDD/SSD<br>Expansion: 1 x 3.5"/2.5" HDD/SSD by the optional ECA-HDD-KIT-R10 |
| ◆ Cooling Fans          | 1                                                                                         |
| ◆ I/O Openings          | 2 x USB<br>6 x COM                                                                        |
| ◆ Expansion Slots       | 7                                                                                         |
| ◆ Indicators            | Power LED, HDD LED                                                                        |
| ◆ Button                | Power switch, reset button                                                                |
| ◆ Installation          | Desktop, wall mount                                                                       |
| ◆ Operating Temperature | -10°C ~ 50°C                                                                              |
| ◆ Operating Humidity    | 5% ~ 95%                                                                                  |
| ◆ Storage Temperature   | -20°C ~ 60°C                                                                              |
| ◆ Color                 | Black                                                                                     |
| ◆ Dimensions (DxWxH)    | 365 mm x 291 mm x 162 mm                                                                  |
| ◆ Operating Vibration   | MIL-STD-810F 514.5C-1                                                                     |
| ◆ Operating Shock       | Half-sine wave 3G, 11ms, 100 shocks per axis                                              |
| ◆ Weight (Net/Gross)    | TBD                                                                                       |

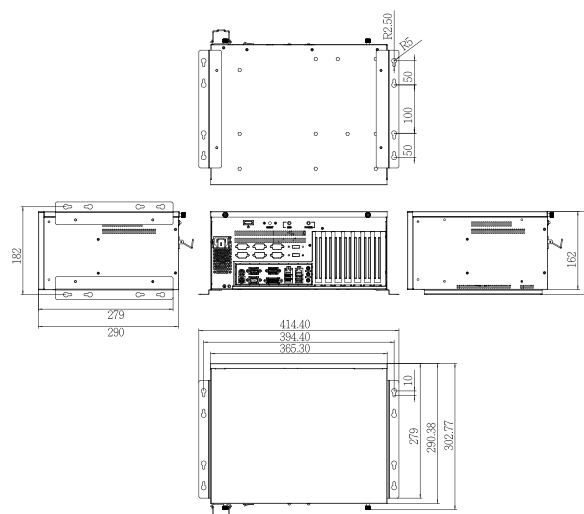
## Ordering Information

| Part No.        | Description                                                                                                   |
|-----------------|---------------------------------------------------------------------------------------------------------------|
| ECA-100-R20     | Desktop/wall-mount industrial chassis, supports ATX/microATX motherboard and 1U ATX power supply, black, RoHS |
| ECA-HDD-KIT-R10 | Additional 2.5"/3.5" HDD kit for ECA-100/ECA-200, R10                                                         |

## Power Supply Options

| Type | Model No.     | Watt |
|------|---------------|------|
| ATX  | ACE-A615C-R10 | 150W |
|      | ACE-A618C-R10 | 180W |
|      | ACE-A622C-R10 | 220W |
|      | ACE-A630C-R10 | 300W |

## Dimensions (Unit: mm)

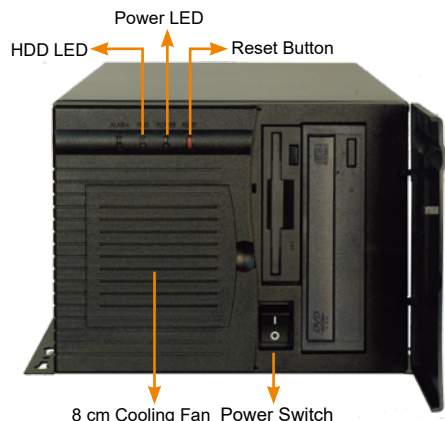


## Compatible SBC

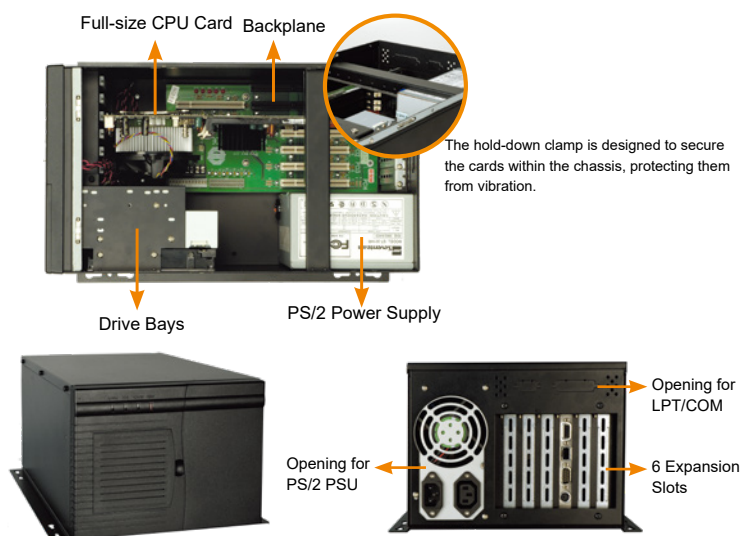
| Model No.    | SBC Type | PCI | PCIe |    |    |     |
|--------------|----------|-----|------|----|----|-----|
|              |          |     | x1   | x4 | x8 | x16 |
| IMBA-Q470    | ATX      | 3   | 0    | 3  | 0  | 1   |
| IMBA-C2460   | ATX      | 2   | 0    | 3  | 2  | 0   |
| IMBA-Q370    | ATX      | 2   | 0    | 3  | 2  | 0   |
| IMBA-H310    | ATX      | 4   | 0    | 1  | 0  | 1   |
| IMBA-H112    | ATX      | 4   | 0    | 1  | 0  | 1   |
| IMBA-Q170-i2 | ATX      | 2   | 0    | 3  | 2  | 0   |
| IMBA-H110    | ATX      | 6   | 0    | 0  | 0  | 1   |
| IMBA-H810    | ATX      | 4   | 2    | 0  | 0  | 1   |
| IMBA-Q870-i2 | ATX      | 4   | 1    | 1  | 0  | 1   |
| IMB-H110     | microATX | 2   | 1    | 0  | 0  | 1   |
| IMB-Q870-i2  | microATX | 1   | 1    | 1  | 0  | 1   |
| IMB-H810-i2  | microATX | 2   | 1    | 0  | 0  | 1   |

# PAC-1000G

6-slot Full-size Compact Chassis



CD-ROM and HDD are not included in package



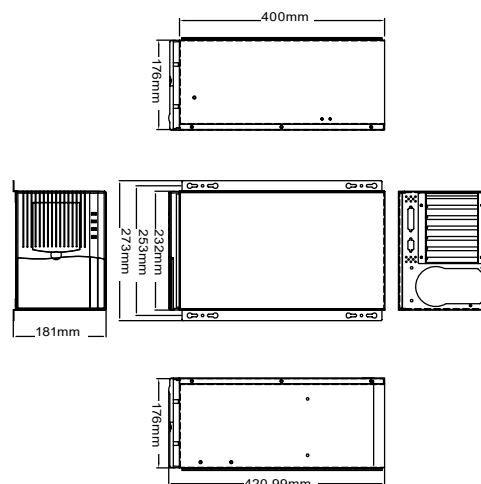
## Features

- RoHS compliant design
- One, 8 cm cooling fan with replaceable fan filter
- Plastic front panel with cover door

## Specifications

|                         |                                                        |
|-------------------------|--------------------------------------------------------|
| ◆ Construction          | Metal with plastic front panel                         |
| ◆ SBC Form Factor       | Full-size, slot CPU card                               |
| ◆ Drive Bays            | 1 x Front-accessible 3.5"<br>1 x 5.25"<br>1 x 3.5" HDD |
| ◆ Cooling Fans          | 1 x 8 cm                                               |
| ◆ I/O Openings          | 1 x LPT, 1 x COM                                       |
| ◆ Expansion Slots       | 6 slots                                                |
| ◆ Indicators            | Power, HDD                                             |
| ◆ Button                | Power switch, reset                                    |
| ◆ Operating Temperature | 0°C ~ 50°C                                             |
| ◆ Operating Humidity    | 10% ~ 90%                                              |
| ◆ Color                 | B: Black                                               |
| ◆ Weight (Net/Gross)    | 5.6 kg/8.8 kg                                          |
| ◆ Dimensions (DxWxH)    | 421 mm x 232 mm x 176 mm                               |

## Dimensions (Unit: mm)



## Backplane Options

| Model No. | SBC Type  | PCI | ISA | PCIe |    |    |     | PSU Connector |
|-----------|-----------|-----|-----|------|----|----|-----|---------------|
|           |           |     |     | x1   | x4 | x8 | x16 |               |
| BP-6S-RS  | ISA       | 0   | 6   | 0    | 0  | 0  | 0   | AT            |
| IP-6S-RS  | PCISA     | 3   | 2   | 0    | 0  | 0  | 0   | AT            |
| IP-6SA-RS | PCISA     | 3   | 2   | 0    | 0  | 0  | 0   | ATX           |
| PCI-6S-RS | PICMG 1.0 | 4   | 2   | 0    | 0  | 0  | 0   | AT/ATX        |
| PE-6S2*   | PICMG 1.3 | 3   | 0   | 0    | 1  | 0  | 1   | ATX           |
| SPE-6S    | PICMG 1.3 | 0   | 0   | 0    | 5  | 0  | 0   | ATX           |

\*Only R20 or later versions support PICMG 1.3 backplane

## Power Supply Options

| Type | Model No.       | Watt |
|------|-----------------|------|
| ATX  | ACE-A130C-R10   | 300W |
|      | ACE-A140B-S-R10 | 400W |

PAC-1000G supports single PS/2 PSU. For more IEI PSU models, please refer to section 5 or visit [www.ieiworld.com](http://www.ieiworld.com).

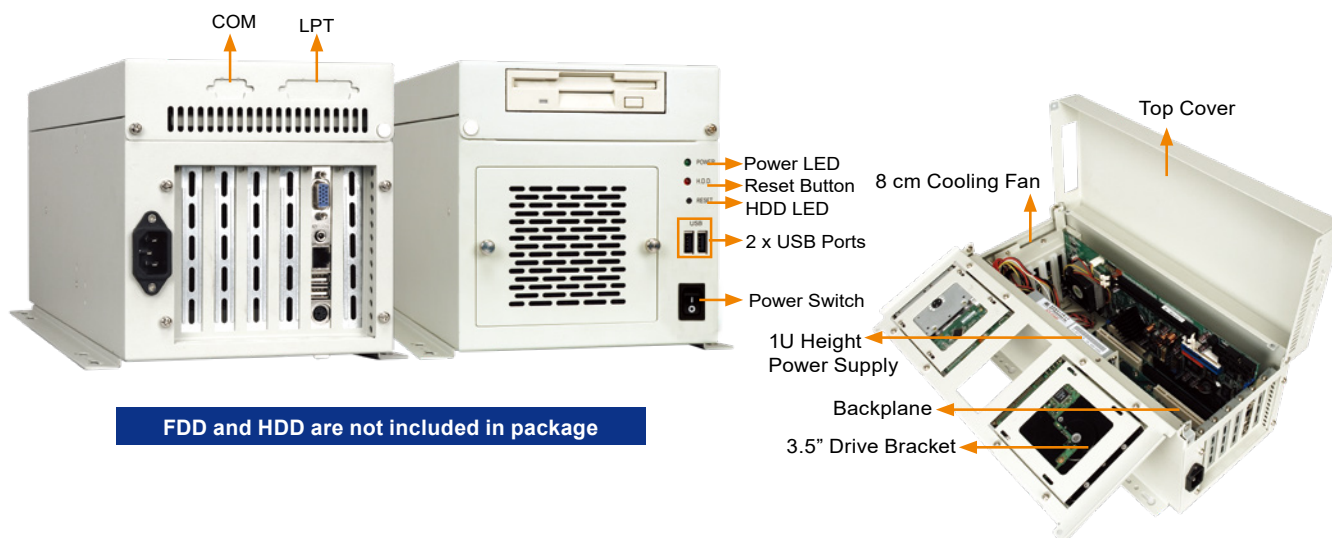
## Ordering Information

| Part No.             | Description                                                                                      |
|----------------------|--------------------------------------------------------------------------------------------------|
| PAC-1000GB-R20/A130C | 6-slot full-size compact chassis, white, 1 x 8 cm fan, with ACE-A130C-R10 (300W ATX model), RoHS |



# PAC-106G

## 6-slot Full-size Compact Chassis



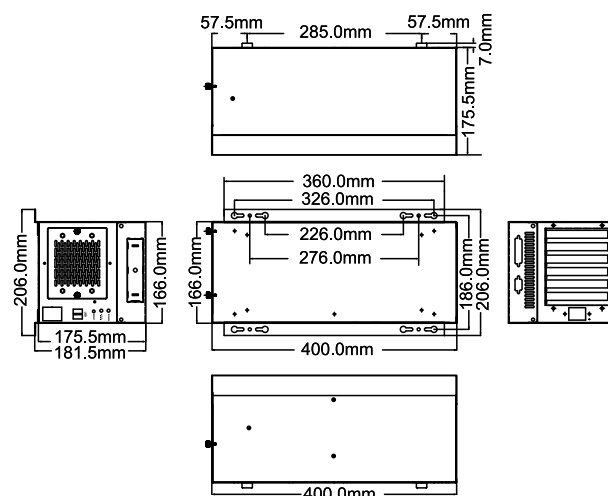
### Features

- RoHS compliant design
- Two USB ports on the front panel
- One 3.5" drive bay and one internal 3.5" HDD bay
- One 8 cm cooling fan

### Specifications

|                         |                            |
|-------------------------|----------------------------|
| ◆ Construction          | Heavy duty metal           |
| ◆ SBC Form Factor       | Full-size, slot CPU card   |
| ◆ Drive Bays            | 1 x Front-accessible 3.5"  |
|                         | 1 x 3.5" HDD               |
| ◆ Cooling Fans          | 1 x 8 cm                   |
| ◆ I/O Ports             | 2 x USB                    |
| ◆ I/O Openings          | 1 x COM, 1 x LPT           |
| ◆ Expansion Slots       | 6 slots                    |
| ◆ Indicators            | Power, HDD                 |
| ◆ Button                | Power switch, reset        |
| ◆ Operating Temperature | 0°C ~ 50°C                 |
| ◆ Operating Humidity    | 10% ~ 90%                  |
| ◆ Color                 | W: White                   |
| ◆ Weight (Net/Gross)    | 5.2 kg/7.8 kg              |
| ◆ Dimensions (DxWxH)    | 400 mm x 166 mm x 175.5 mm |

### Dimensions (Unit: mm)



### Backplane Options

| Model No. | SBC Type  | PCI | ISA | PCIe |    |    |     | PSU Connector |
|-----------|-----------|-----|-----|------|----|----|-----|---------------|
|           |           |     |     | x1   | x4 | x8 | x16 |               |
| BP-6S-RS  | ISA       | 0   | 6   | 0    | 0  | 0  | 0   | AT            |
| IP-6S-RS  | PCISA     | 3   | 2   | 0    | 0  | 0  | 0   | AT            |
| IP-6SA-RS | PCISA     | 3   | 2   | 0    | 0  | 0  | 0   | ATX           |
| PCI-6S-RS | PICMG 1.0 | 4   | 2   | 0    | 0  | 0  | 0   | AT/ATX        |
| PE-6S2*   | PICMG 1.3 | 3   | 0   | 0    | 1  | 0  | 1   | ATX           |
| SPE-4S    | PICMG 1.3 | 0   | 0   | 0    | 1  | 2  | 0   | ATX           |
| SPE-6S    | PICMG 1.3 | 0   | 0   | 0    | 5  | 0  | 0   | ATX           |

\*Only R20 or later versions support PICMG 1.3 backplane

### Ordering Information

| Part No.            | Description                                                                    |
|---------------------|--------------------------------------------------------------------------------|
| PAC-106GW-R21/A618C | 6-Slot Full size Chassis, White, 1x 8cm fan, with ACE-A618C-RS-R10(180W), RoHS |

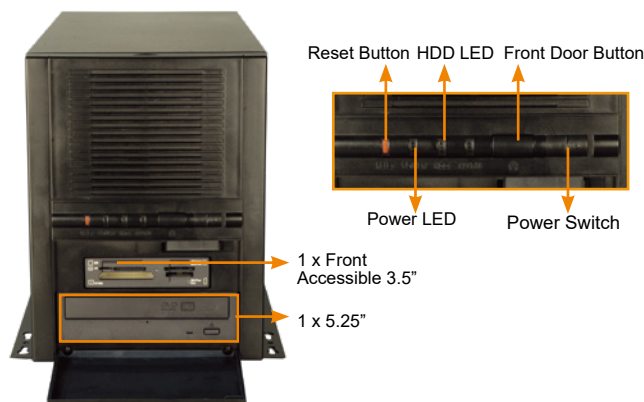
### Power Supply Options

| Type | Model No.     | Watt |
|------|---------------|------|
| ATX  | ACE-A618C-R10 | 180W |

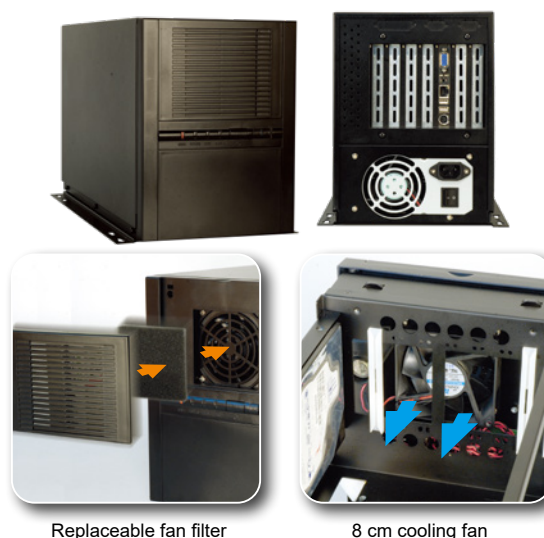
PAC-106G supports single 1U height PSU. For more IEI PSU models, please refer to section 5 or visit [www.ieiworld.com](http://www.ieiworld.com).

# PAC-1700G

## 7-slot Full-size Compact Chassis



CD-ROM and HDD are not included in package.



Replaceable fan filter

8 cm cooling fan

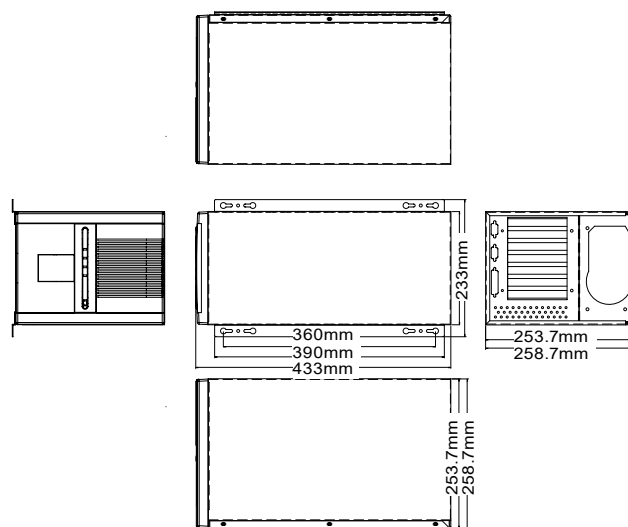
### Features

- RoHS compliant design
- One 5.25" and one 3.5" drive bay
- Two 3.5" internal HDD bays
- Seven expansion slots, compatible with full-size SBC
- 7 expansion slots, compatible with full-size SBC

### Specifications

|                         |                                |
|-------------------------|--------------------------------|
| ◆ Construction          | Metal with plastic front panel |
| ◆ SBC Form Factor       | Full-size, slot CPU card       |
| ◆ Drive Bays            | 1 x front-accessible 3.5"      |
|                         | 1 x 5.25"                      |
|                         | 2 x 3.5" HDD                   |
| ◆ Cooling Fans          | 1 x 8 cm                       |
| ◆ I/O Openings          | 1 x LPT, 2 x COM               |
| ◆ Expansion Slots       | 7 slots                        |
| ◆ Indicators            | Power, HDD                     |
| ◆ Button                | Power switch, reset            |
| ◆ Operating Temperature | 0°C ~ 50°C                     |
| ◆ Operating Humidity    | 10% ~ 90%                      |
| ◆ Color                 | B: Black                       |
| ◆ Weight (Net/Gross)    | 6 kg/8.4 kg                    |
| ◆ Dimensions (DxWxH)    | 433 mm x 233 mm x 253.7 mm     |

### Dimensions (Unit: mm)



### Backplane Options

| Model No. | SBC Type  | PCI | ISA | PCIe |    |    |     | PSU Connector |
|-----------|-----------|-----|-----|------|----|----|-----|---------------|
|           |           |     |     | x1   | x4 | x8 | x16 |               |
| PCI-7S-RS | PICMG 1.0 | 4   | 3   | 0    | 0  | 0  | 0   | AT/ATX        |
| PE-7S*    | PICMG 1.3 | 3   | 0   | 2    | 0  | 0  | 1   | ATX           |
| PE-7S2*   | PICMG 1.3 | 1   | 0   | 4    | 0  | 0  | 1   | ATX           |
| HPXE2-7S1 | HPCIE     | 3   | 0   | 0    | 0  | 2  | 0   | ATX           |

\*Only R20 or later versions support PICMG 1.3 backplane

### Ordering Information

| Part No.             | Description                                                                                      |
|----------------------|--------------------------------------------------------------------------------------------------|
| PAC-1700GB-R20/A130C | 7-slot full-size compact chassis, black, 1 x 8 cm fan, with ACE-A130C-R10 (300W ATX model), RoHS |

### Power Supply Options

| Type | Model No.       | Watt |
|------|-----------------|------|
| ATX  | ACE-A130C-R10   | 300W |
|      | ACE-A140B-S-R10 | 400W |

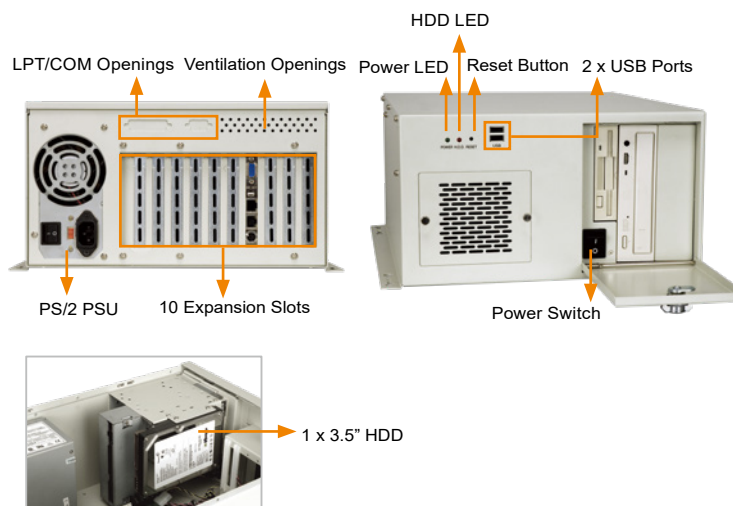
PAC-1700G supports single PS/2 PSU. For more IIE PSU models, please refer to section 5 or visit [www.ieiworld.com](http://www.ieiworld.com).

# PAC-125G

10-slot Full-size Compact Chassis



CD-ROM and HDD are not included in package



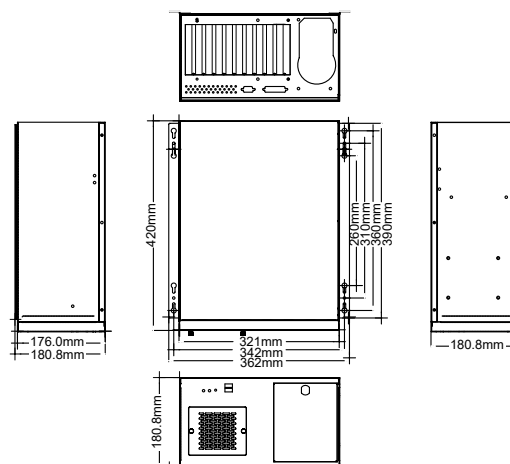
## Features

- RoHS compliant design
- Two USB ports on the front panel
- One 80mm x 80mm x 25mm hot swappable cooling fan with fan filter
- 2 x 5.25", 1 x 3.5" HDD, 1 x front-accessible 3.5" drive bays
- Lockable door prevents unauthorized access

## Specifications

|                         |                           |
|-------------------------|---------------------------|
| ◆ Construction          | Heavy duty metal          |
| ◆ SBC Form Factor       | Full-size, slot CPU card  |
| ◆ Drive Bays            | 2 x 5.25"                 |
|                         | 1 x Front accessible 3.5" |
|                         | 1 x 3.5" HDD              |
| ◆ Cooling Fans          | 80mm x 80mm x 25mm        |
| ◆ I/O Ports             | 2 x USB                   |
| ◆ I/O Openings          | 1 x LPT, 1 x COM          |
| ◆ Expansion Slots       | 10 slots                  |
| ◆ Indicators            | Power, HDD                |
| ◆ Button                | Power switch, reset       |
| ◆ Operating Temperature | 0°C ~ 50°C                |
| ◆ Operating Humidity    | 10% ~ 90%                 |
| ◆ Color                 | W: White                  |
| ◆ Weight (Net/Gross)    | 7.2 kg/10.4 kg            |
| ◆ Dimensions (DxWxH)    | 420 mm x 321 mm x 176 mm  |

## Dimensions (Unit: mm)



## Backplane Options

| Model No.  | SBC Type  | PCI | ISA | PCIX | PCIe |    |    |     | PSU Connector |
|------------|-----------|-----|-----|------|------|----|----|-----|---------------|
|            |           |     |     |      | x1   | x4 | x8 | x16 |               |
| BP-10S-RS  | ISA       | 0   | 10  | 0    | 0    | 0  | 0  | 0   | AT            |
| PCI-10S-RS | PICMG 1.0 | 4   | 5   | 0    | 0    | 0  | 0  | 0   | AT/ATX        |
| PX-10S-RS  | PICMG 1.0 | 7   | 3   | 0    | 0    | 0  | 0  | 0   | AT/ATX        |
| IP-10S-RS  | PCISA     | 4   | 5   | 0    | 0    | 0  | 0  | 0   | AT/ATX        |
| IPX-9S-RS  | PCISA     | 8   | 0   | 0    | 0    | 0  | 0  | 0   | AT/ATX        |
| HPE-8S     | PCI/PIC0e | 4   | 0   | 0    | 2    | 0  | 0  | 0   | ATX           |
| PE-6S      | PICMG 1.3 | 2   | 0   | 0    | 2    | 0  | 0  | 1   | ATX           |
| PE-8S*     | PICMG 1.3 | 3   | 0   | 0    | 3    | 0  | 0  | 1   | ATX           |
| SPE-9S     | PICMG 1.3 | 3   | 0   | 0    | 0    | 3  | 1  | 0   | ATX           |

\*Only R20 or later versions support PICMG 1.3 backplane

## Power Supply Options

| Type | Model No.       | Watt |
|------|-----------------|------|
| ATX  | ACE-A130C-R10   | 300W |
|      | ACE-A140B-S-R10 | 400W |
|      | ACE-A160B-R10   | 600W |

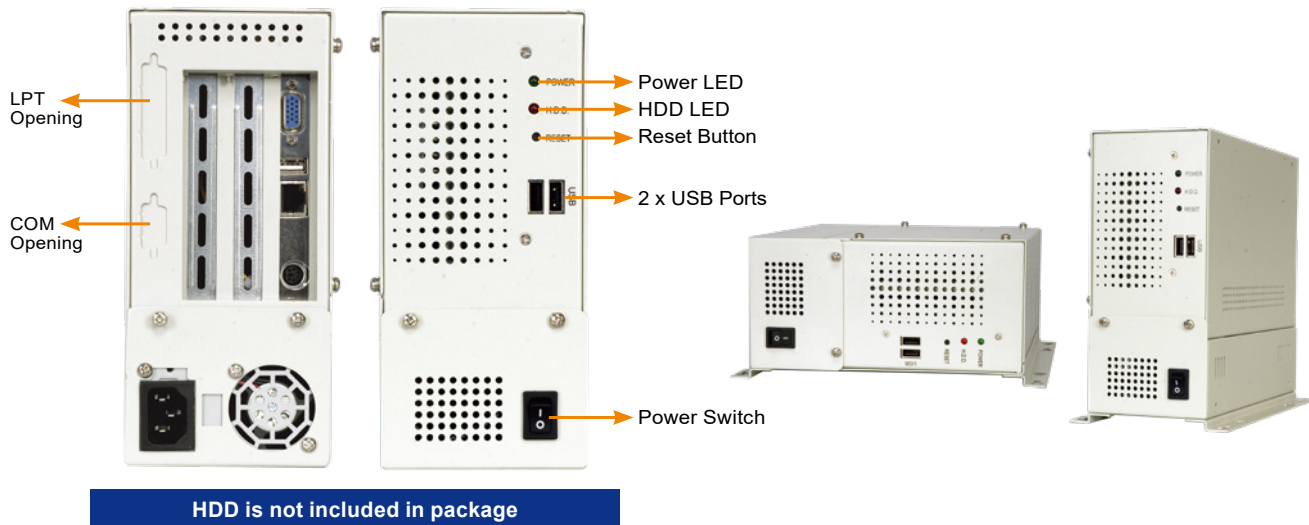
PAC-125G supports single PS/2 PSU. For more IEI PSU models, please refer to section 5 or visit [www.ieiworld.com](http://www.ieiworld.com).

## Ordering Information

| Part No.            | Description                                                                                      |
|---------------------|--------------------------------------------------------------------------------------------------|
| PAC-125GW-R22/A130C | 10-slot full-size compact chassis, white, 1 x 8cm fan, with ACE-A130C-R10 (300W ATX model), RoHS |

# PAC-53GH

3-slot Half-size Compact Chassis



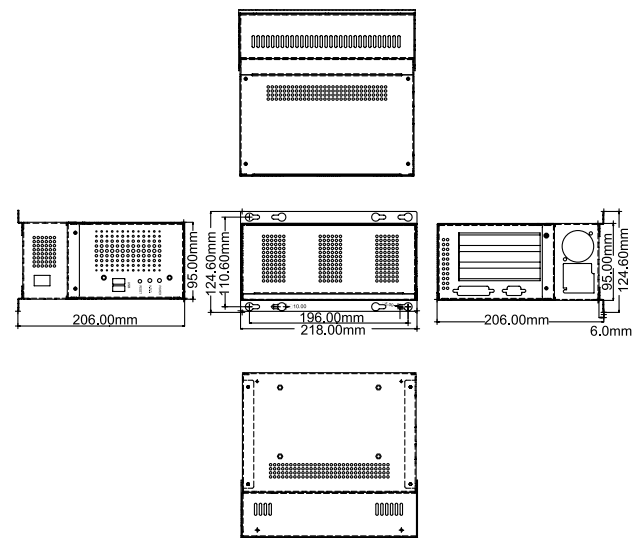
## Features

- RoHS compliant design
- Two USB ports on the front panel
- One 2.5" internal HDD/SSD bay

## Specifications

|                         |                           |
|-------------------------|---------------------------|
| ◆ Construction          | Heavy duty metal          |
| ◆ SBC Form Factor       | Half-size, slot CPU cards |
| ◆ Drive Bays            | 1 x 2.5" HDD/SSD          |
| ◆ I/O Ports             | 2 x USB                   |
| ◆ I/O Openings          | 1 x LPT, 1 x COM          |
| ◆ Expansion Slots       | 3 slots                   |
| ◆ Indicators            | Power, HDD                |
| ◆ Button                | Power switch, reset       |
| ◆ Operating Temperature | 0°C ~ 50°C                |
| ◆ Operating Humidity    | 10% ~ 90%                 |
| ◆ Color                 | W: White                  |
| ◆ Weight (Net/Gross)    | 2 kg/3.8 kg               |
| ◆ Dimensions (DxWxH)    | 218 mm x 95 mm x 200 mm   |

## Dimensions (Unit: mm)



## Backplane Options

| Model No. | SBC Type | PCI | ISA | PCIe |    |     | PSU Connector |
|-----------|----------|-----|-----|------|----|-----|---------------|
|           |          |     |     | x1   | x4 | x16 |               |
| BP-3S-RS  | ISA      | 0   | 3   | 0    | 0  | 0   | AT            |
| IP-3S-RS  | PCISA    | 2   | 0   | 0    | 0  | 0   | AT            |

## Power Supply Options

| Type | Model No.      | Watt |
|------|----------------|------|
| ATX  | ACE-A618C-R10  | 180W |
|      | ACE-A4520D-R10 | 250W |

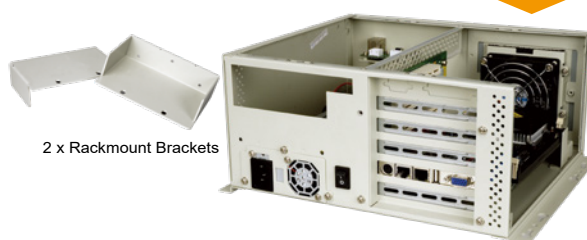
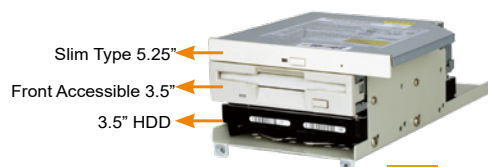
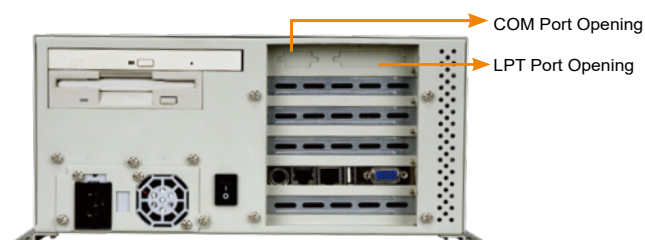
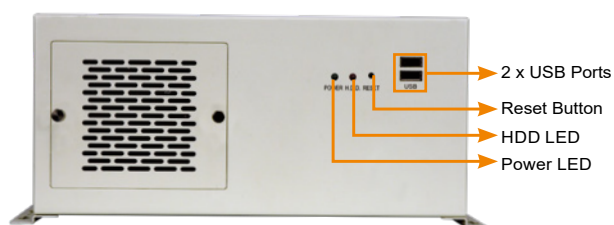
PAC-53GH supports single 1U height PSU. For more IEI PSU models, please refer to section 5 or visit [www.ieiworld.com](http://www.ieiworld.com).

## Ordering Information

| Part No.            | Description                                                        |
|---------------------|--------------------------------------------------------------------|
| PAC-53GHW-R11/A618C | 3-Slot Half-size Chassis, White, with ACE-A618C-RS-R10(180W), RoHS |

# PR-1500G

## 5-slot Half-size Compact Chassis



CD-ROM and HDD are not included in package.

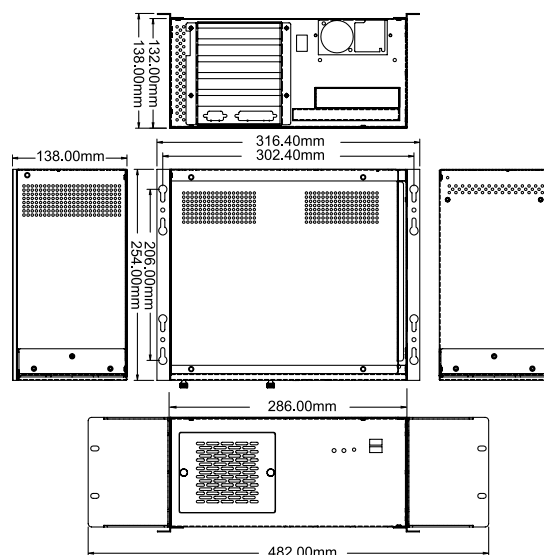
### Features

- RoHS compliant design
- One slim type 5.25" drive bay
- One 3.5" drive bay and one internal 3.5" HDD bay
- Two USB ports on the front panel
- One 8 cm cooling fan

### Specifications

|                         |                                                             |
|-------------------------|-------------------------------------------------------------|
| ◆ Construction          | Heavy duty metal                                            |
| ◆ SBC Form Factor       | Half-size, slot SBC                                         |
| ◆ Drive Bays            | 1 x 3.5" HDD<br>1 x Front accessible 3.5"<br>1 x Slim 5.25" |
| ◆ Cooling Fans          | 1 x 8 cm                                                    |
| ◆ I/O Ports             | 2 x USB                                                     |
| ◆ I/O Openings          | 1 x LPT, 1 x COM                                            |
| ◆ Expansion Slots       | 5 slots                                                     |
| ◆ Indicators            | Power, HDD                                                  |
| ◆ Button                | Power switch, reset                                         |
| ◆ Operating Temperature | 0°C ~ 50°C                                                  |
| ◆ Operating Humidity    | 10% ~ 90%                                                   |
| ◆ Color                 | W: White                                                    |
| ◆ Weight (Net/Gross)    | 3.6 kg/6.2 kg                                               |
| ◆ Dimensions (DxWxH)    | 254 mm x 286 mm x 132 mm                                    |

### Dimensions (Unit: mm)



### Backplane Options

| Model No.  | SBC Type   | PCI | ISA | PCIe |    |     | PSU Connector |
|------------|------------|-----|-----|------|----|-----|---------------|
|            |            |     |     | x1   | x4 | x16 |               |
| BP-5S-RS   | ISA        | 0   | 5   | 0    | 0  | 0   | AT            |
| IP-5SA2-RS | PCISA      | 4   | 1   | 0    | 0  | 0   | ATX           |
| HPE-5S1    | PICO/PICoE | 4   | 0   | 0    | 0  | 0   | ATX           |
| HPE-5S2    | PICO/PICoE | 3   | 0   | 0    | 1  | 0   | ATX           |
| HPXE2-5S1  | HPCIe      | 2   | 0   | 0    | 0  | 1   | ATX           |

### Power Supply Options

| Type | Model No.        | Watt |
|------|------------------|------|
| ATX  | ACE-A618C-RS-R10 | 180W |
|      | ACE-A225A-R11    | 250W |

PR-1500G supports single 1U height PSU. For more IEI PSU models, please refer to section 5 or visit [www.ieiworld.com](http://www.ieiworld.com).

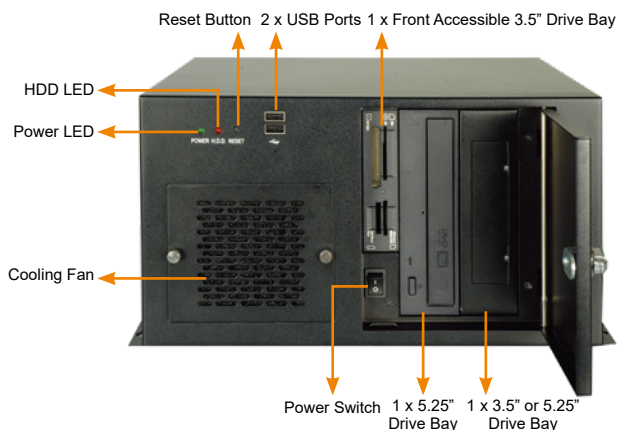
### Ordering Information

| Part No.            | Description                                                                    |
|---------------------|--------------------------------------------------------------------------------|
| PR-1500GW-R12/A618C | 5-Slot Half-size Chassis, White, 1x 8cm fan, with ACE-A618C-RS-R10(180W), RoHS |



# PAC-700G

7-slot Half-size Compact Chassis



CD-ROM, and HDD are not included in package.



## Easy hot-swappable fan



Step 1:  
Loosen the thumb screws



Step 2:  
Pull the fan out gently



Step 3:  
Unplug the power connector

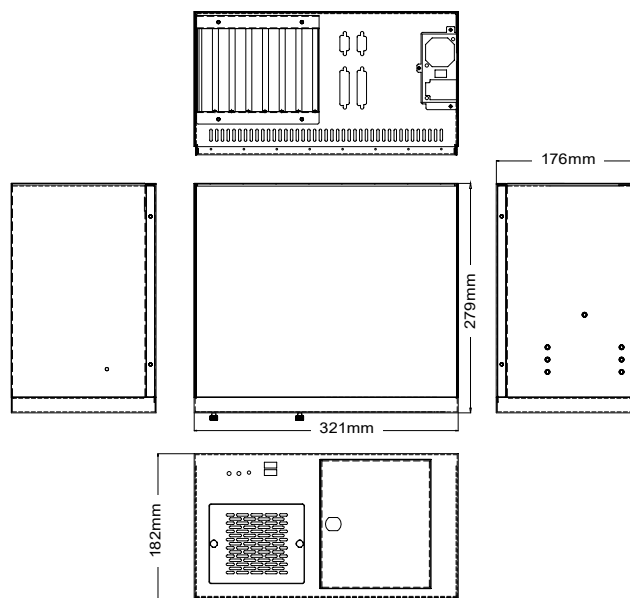
## Features

- RoHS compliant design
- Two USB ports on the front panel
- One, 8 cm cooling fan with fan filter
- Easy access design for quick fan replacement
- Lockable door prevents unauthorized access

## Specifications

|                         |                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| ◆ Construction          | Heavy duty metal                                                                                                                             |
| ◆ SBC Form Factor       | Half-size, slot CPU card                                                                                                                     |
| ◆ Drive Combinations    | 2 x 5.25" + 1 x Front accessible 3.5"<br>or 1 x 5.25" + 2 x Front accessible 3.5"<br>or 1 x 5.25" + 1 x Front accessible 3.5" + 1 x 3.5" HDD |
| ◆ Cooling Fans          | 1 x 8 cm                                                                                                                                     |
| ◆ I/O Ports             | 2 x USB on front panel                                                                                                                       |
| ◆ I/O Openings          | 2 x LPT, 2 x COM                                                                                                                             |
| ◆ Expansion Slots       | 7 slots                                                                                                                                      |
| ◆ Indicators            | Power, HDD                                                                                                                                   |
| ◆ Button                | Power switch, reset                                                                                                                          |
| ◆ Operating Temperature | 0°C ~ 50°C                                                                                                                                   |
| ◆ Operating Humidity    | 10% ~ 90%                                                                                                                                    |
| ◆ Color                 | B: Black                                                                                                                                     |
| ◆ Weight (Net/Gross)    | 6.2 kg/9 kg                                                                                                                                  |
| ◆ Dimensions (DxWxH)    | 279 mm x 321 mm x 176 mm                                                                                                                     |

## Dimensions (Unit: mm)



## Backplane Options

| Model No. | SBC Type | PCI | ISA | PCIe |    |    |     | PSU Connector |
|-----------|----------|-----|-----|------|----|----|-----|---------------|
|           |          |     |     | x1   | x4 | x8 | x16 |               |
| BP-7S-RS  | ISA      | 0   | 7   | 0    | 0  | 0  | 0   | AT            |
| HPXE2-7S1 | HPCIE    | 3   | 0   | 0    | 0  | 2  | 0   | ATX           |

## Power Supply Options

| Type | Model No.     | Watt |
|------|---------------|------|
| ATX  | ACE-A618C-R10 | 180W |
|      | ACE-A225A-R11 | 250W |

PAC-700G supports single 1U height PSU. For more IEI PSU models, please refer to section 5 or visit [www.ieiworld.com](http://www.ieiworld.com).

## Ordering Information

| Part No.            | Description                                                        |
|---------------------|--------------------------------------------------------------------|
| PAC-700GB-R11/A618C | 7-Slot Half-size chassis, Black, with ACE-A618C-RS-R10(180W), RoHS |



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