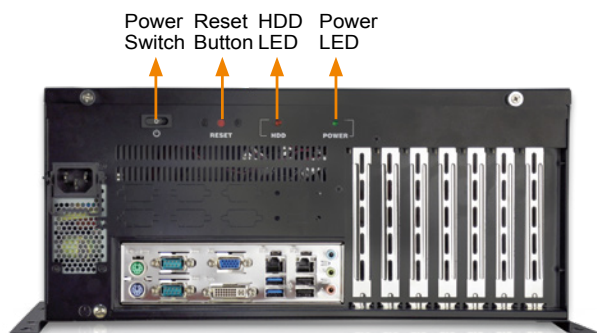


## ECA-100

Industrial Chassis

**New**

## Features

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

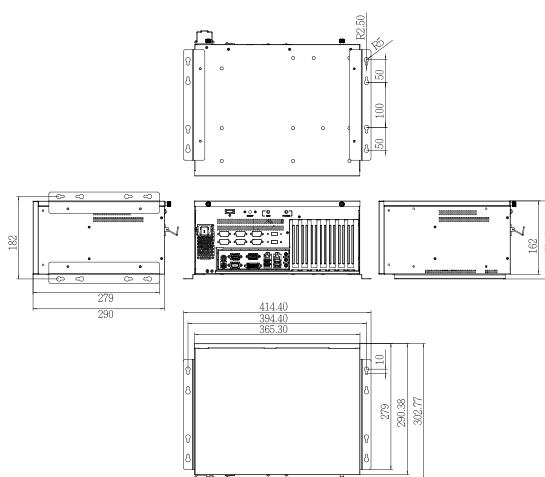
## Specifications

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| ◆ 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                                                                        |
| ◆ Buttons               | 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                                                         |

## Dimensions (Unit: mm)



## Compatible SBC

| Model No.        | SBC Type | PCI | PCIe |    |    |     |
|------------------|----------|-----|------|----|----|-----|
|                  |          |     | x1   | x4 | x8 | x16 |
| IMBA-Q170-i2-R10 | ATX      | 2   | 0    | 3  | 2  | 0   |
| IMBA-H110-R10    | ATX      | 6   | 0    | 0  | 0  | 1   |
| IMBA-H810-R10    | ATX      | 4   | 2    | 0  | 0  | 1   |
| IMBA-Q870-i2-R10 | ATX      | 4   | 1    | 1  | 0  | 1   |
| IMBA-Q770-R10    | ATX      | 3   | 2    | 1  | 0  | 1   |
| IMBA-Q670-R30    | ATX      | 4   | 1    | 1  | 0  | 1   |
| IMBA-H610-R10    | ATX      | 4   | 2    | 0  | 0  | 1   |
| IMB-Q870-i2-R10  | microATX | 1   | 1    | 1  | 0  | 1   |
| IMB-H810-i2-R11  | microATX | 2   | 1    | 0  | 0  | 1   |
| IMB-Q770-R10     | microATX | 1   | 1    | 1  | 0  | 1   |
| IMB-H810-i2-R10  | microATX | 2   | 1    | 0  | 0  | 1   |
| IMB-H610A-R10    | microATX | 0   | 3    | 0  | 0  | 1   |

## Power Supply Options

| Type | Model No.        | Watt |
|------|------------------|------|
| ATX  | ACE-A615A-RS-R11 | 150W |
|      | ACE-A618A-RS-R11 | 180W |
|      | ACE-A622A-RS-R11 | 220W |
|      | ACE-A627A-RS-R11 | 270W |
|      | ACE-A630B-RS-R10 | 300W |

1

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2

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4

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5

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Peripherals