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***Industrial Chassis***

**ECA-100**

Power Reset HDD Switch Button LED

Power LED

##

***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/SSDExpansion: 1 x 3.5”/2.5” HDD/SSD by the optionalECA-HDD-KIT-R10 |
| **Cooling Fans** | 1 |
| **I/O Openings** | 2 x USB6 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***

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



|  |  |  |
| --- | --- | --- |
|  |  |  |

# *Compatible SBC*



|  |  |  |  |
| --- | --- | --- | --- |
| Model No. | SBC Type | PCI | PCle |
| 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***

ECA-100-2019-V10

***Industrial Computer Chassis***

##

|  |  |
| --- | --- |
| **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 |

|  |  |  |
| --- | --- | --- |
| Type | Model No. | Watt |
| ATX | ACE-A615A-RS-R11 | 150W |
| ACE-A618B-RS-R10 | 180W |
| ACE-A622A-RS-R11 | 220W |
| ACE-A627A-RS-R11 | 270W |
| ACE-A630B-RS-R10 | 300W |