

EPC-T3285

1U thin Mini-ITX Chassis with One Expansion Slot



Features

- 1U chassis support thin mini-ITX board
- Easy device installation (e.g. mini-PCIe, mSATA...)
- One expansion slot (Full height)
- Rich I/O connectivity with additional USB, COM Ports and RF options incl. antennas
- Optional Wide power 9~36V DC input
- Supports Intel® 7th & 6th Gen Core™ i processor (LGA1151) with Intel H110 chipset



WISE-PaaS/RMM CE FCC RoHS COMPLIANT SOFTWARE

Specifications

| | | | | | | | | | | | |
|--------------------------|-------------------------------------|--|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|------------------|--------------------|------------------|--------------------|
| Model Name | EPC-T3285 | | | | | | | | | | |
| Order Number | Ordering Information shown as below | | | | | | | | | | |
| Drive Bay | HDD/SSD | 2.5" HDD/SSD x2, or 2.5" HDD/SSD x1, or 3.5" HDD/SSD x1 | | | | | | | | | |
| Cooling | Fan | 2 (4cm/2000rpm) | | | | | | | | | |
| System Spec | CPU | i7-7700/ 7700T | i7-6700/ i7-6700TE | i5-7500/ i5-7500T | i5-6500/ i5-6500TE | i3-7101/ i3-7101TE | i3-6100/ i3-6100TE | Pentium G4400 | Pentium G4400TE | Celeron G3900 | Celeron G3900TE |
| | Core Number | 4/4 | 4/4 | 4/4 | 4/4 | 2/2 | 2/2 | 2 | 2 | 2 | 2 |
| | Max Speed | 3.6GHz/ 2.9GHz | 3.4GHz/ 2.4GHz | 3.4GHz/ 2.7GHz | 3.2GHz/ 2.3GHz | 3.9GHz/ 3.4GHz | 3.7GHz/ 2.7GHz | 3.3G | 2.4G | 2.8G | 2.6G |
| | TDP | 65W/35W | 65W/35W | 65W/35W | 65W/35W | 54W/35W | 51W/35W | 54W | 35W | 51W | 35W |
| | Memory | Two 260-pin SO-DIMM up to 32GB DDR4 2133MHz SDRAM | | | | | | | | | |
| Front IO | USB | 4 | | | | | | | | | |
| | Serial | 2 | | | | | | | | | |
| | WLAN Antenna | 2 (Optional) | | | | | | | | | |
| | Miscellaneous | Power Switch, Reset button, Power LED, HDD LED | | | | | | | | | |
| Rear IO | HDMI | 1 | | | | | | | | | |
| | Display Port 1.2 | 1 | | | | | | | | | |
| | Ethernet | 2 | | | | | | | | | |
| | USB | 4 (USB3.0) | | | | | | | | | |
| | Audio | 2 (Mix in, Line out) | | | | | | | | | |
| | Phoenix Connector | 1 (Optional Wide power DC 9~36V input) | | | | | | | | | |
| | DC Power Jack | 1 | | | | | | | | | |
| Environment | Expansion slot | 1 (Full height; 185L x 111.15W x 16.1H mm); AIMB-285 support PCIe x4 | | | | | | | | | |
| | Operating Temperature | Depend on different HDD/SSD/ PCIe expansion card combination | | | | | | | | | |
| | Non-operating Temperature | -20 ~ 60 °C (-4 ~ 140 °F) | | | | | | | | | |
| | Humidity | 10 ~ 85% @ 40 °C, non-condensing | | | | | | | | | |
| | Vibration (5 ~ 500 Hz) | 1 Grms (HDD*1); 0.5 Grms (HDD*2) | | | | | | | | | |
| | Shock | 10G (with 11ms duration, half sine wave) | | | | | | | | | |
| Physical Characteristics | Certification | CE/FCC | | | | | | | | | |
| | Dimensions (W x H x D) | 330 x 44 x 270 mm | | | | | | | | | |
| | Weight | 5.68kg | | | | | | | | | |

* Bottom drive bay supports max. 7mm height HDD.

Front View



Internal View

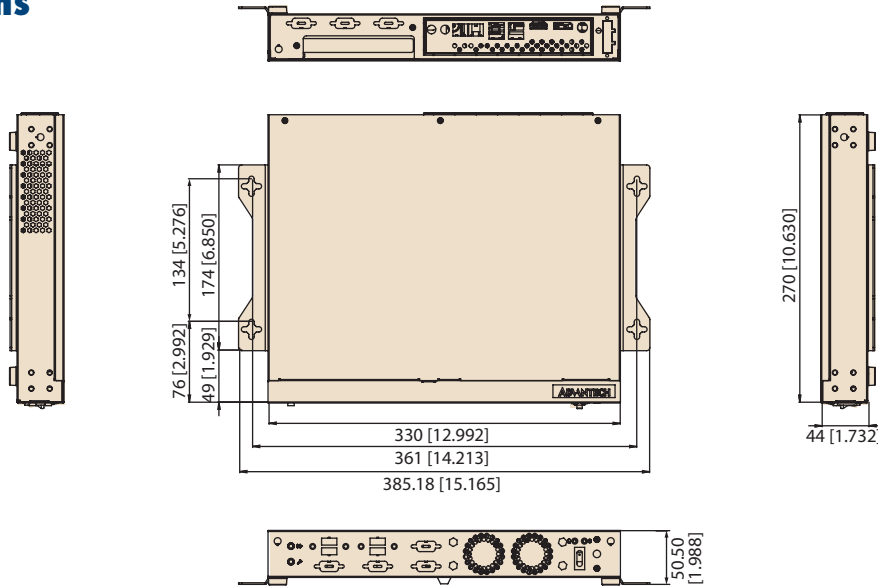


Rear View



Dimensions

Unit: mm [inch]



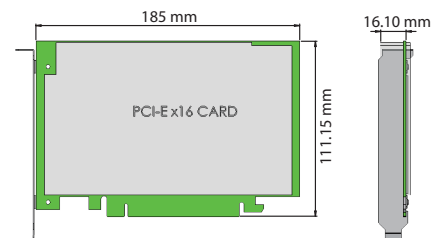
Driver bay and Expansion card combination

| Model | CPU TDP | Storage | PCIe expansion | Operating temperature | Max. PCIe Card Dimension |
|-----------|---------|--------------|----------------|-----------------------|-----------------------------|
| EPC-T3285 | 65W | 1 x 2.5" HDD | V | 0 ~ 40 °C** | 185L x 111.15W x 16.1H (mm) |
| | 65W | 1 x 2.5" SSD | V | 0 ~ 40 °C** | 185L x 111.15W x 16.1H (mm) |
| | 65W | 1 x mSATA | V | 0 ~ 40 °C** | 185L x 111.15W x 16.1H (mm) |
| | 65W | 2 x 2.5" HDD | X | 0 ~ 45 °C | none |
| | 65W | 2 x 2.5" SSD | X | 0 ~ 45 °C | none |
| | 65W | 1 x 3.5" HDD | X | 0 ~ 45 °C | none |
| EPC-T3285 | 35W | 1 x 2.5" HDD | V | 0 ~ 40 °C** | 185L x 111.15W x 16.1H (mm) |
| | 35W | 1 x 2.5" SSD | V | 0 ~ 40 °C** | 185L x 111.15W x 16.1H (mm) |
| | 35W | 1 x mSATA | V | 0 ~ 40 °C** | 185L x 111.15W x 16.1H (mm) |
| | 35W | 2 x 2.5" HDD | X | 0 ~ 45 °C | none |
| | 35W | 2 x 2.5" SSD | X | 0 ~ 45 °C | none |
| | 35W | 1 x 3.5" HDD | X | 0 ~ 45 °C | none |

** Base on Expansion card's max Thermal Spec 50 °C

Optional PCIe Card

| Part Number | Description |
|--------------------|---|
| GFX-A3T5-71FST1 | HD5450 512MB PCI-E 1X DVII+HDMI+VGA FS(G) |
| 96RC-SAS-4P-PE-AD1 | ADAPTEC 6405E SAS 4PORT 6GB/S PCIEX1(G) |
| 96NIC-1G-PE-IN | INTEL NIC 10/100/1000M PCIEx1 DESKTOP(G) |
| PCI-E-1674E-AE | 4-port PCI express GbE card |
| PCI-E-1680-AE | 2-Port CAN-Bus PCI-E card w/ Isolation |



Ordering Information

| Model Name | Part Number | CPU | Memory/HDD | Power Board | Adapter | Power input | Certification |
|------------|-------------------|---------------|------------|-------------|---------|----------------|---------------|
| EPC-T3285 | EPC-T3285CA-00Y1E | Celeron G3900 | X | X | X | 2.5Ø | CE/FCC |
| | EPC-T32855A-00Y0E | i5-7500T | X | X | X | 2.5Ø | CE/FCC |
| | EPC-T32855A-15Y1E | i5-7500T | X | V | X | Terminal block | CE/FCC |

Power Adapter

| Part Number | Watts | Input | Output | Support SKU | Safety |
|-----------------|-------|----------------|-----------|--|-----------------------------------|
| 96PSA-A120W12V1 | 120W | AC 100 ~ 240 V | 12 V, 10A | EPC-T3285CA-00Y1E EPC-T32855A-00Y0E | CE/FCC/CCC/UL/CB/KC/PSE/GS/GOST R |
| 96PSA-A120W12P4 | 120W | AC 100-240V | 12V, 10A | EPC-T32855A-15Y1E | CE/FCC/CCC/UL/CB/KC/PSE |

Packing List

| Part Number | Description | Quantity |
|----------------|--|----------|
| 1930001241 | Screws for Hard Disk/ spare | 6 |
| 1930003238 | M3x5 Screws For Rubber Foot/Wall Mount bracket | 4 |
| 1930004828 | Screws for Hard Disk bracket spare | 2 |
| 1990012452S000 | Rubber Foot | 4 |
| 1990021263S000 | Lock harness for power cord | 1 |
| 1990021264S000 | | 1 |
| 2190000902 | CARDBOARD-WARRANTY REV. A2 | 1 |

Optional Accessories

| Part Number | Description |
|-----------------|--|
| AIMB-0BRK-RM03E | EPC-T3000 series Rack Mounting bracket kits |
| AIMB-0BRK-WM02E | AIMB-T,EPC-T/B series Wall Mounting bracket kits |
| AIMB-0BRK-VM06E | EPC-T3000 series VESA Mounting bracket kits |
| 1700023768-01 | 1x4P Phoenix to DC Jack 15cm cable |
| 1700000596 | Power cable 3-pin 183cm, China type |
| 1702031801 | Power cable 3-pin 183cm, UK type |
| 1702002600 | Power cable 3-pin 183cm, USA type |
| 1702002605 | Power cable 3-pin 183cm, Europe type |
| 1700000237-01 | Power cable 3-pin 183cm, JP type |