

# 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  |                   |                  |                   |                   |                   |               |                 |               |                 |
| Expansion slot           | 1 (Full height; 185L x 111.15W x 16.1H mm); AIMB-285 support PCIe x4 |  |                   |                  |                   |                   |                   |               |                 |               |                 |
| Environment              | 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)                     |                   |                  |                   |                   |                   |               |                 |               |                 |
| Certification            | CE/FCC   |  |                   |                  |                   |                   |                   |               |                 |               |                 |
| Physical Characteristics | 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

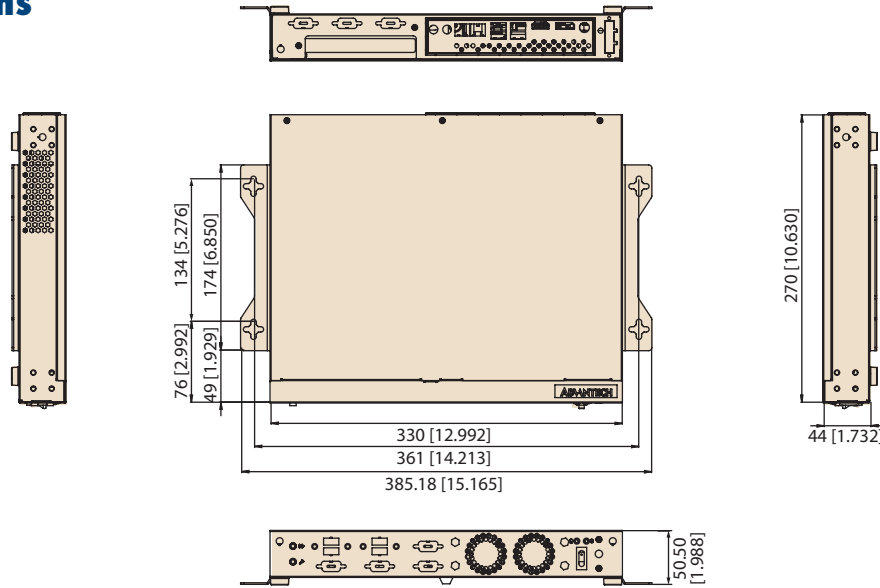


### Rear View



## Dimensions

Unit: mm [inch]



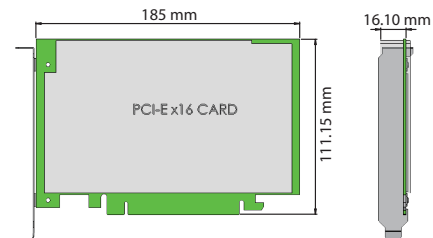
## Driver bay and Expansion card combination

| 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<br>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                 |



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- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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