

EPC-T2285 Series System

Thin barebone system with desktop low profile Mini-ITX motherboard

NEW



Features

- Thin design with 44.2mm in height
- Thin barebone with multi-IO ports is suitable for variety of application environments with DC-in design
- Easy/ quick installation for additional peripherals
- One 2.5" shock-resistant drive bay
- Support Wall/VESA/Din Rail/Rack mounting Kit
- Lock type DC power jack



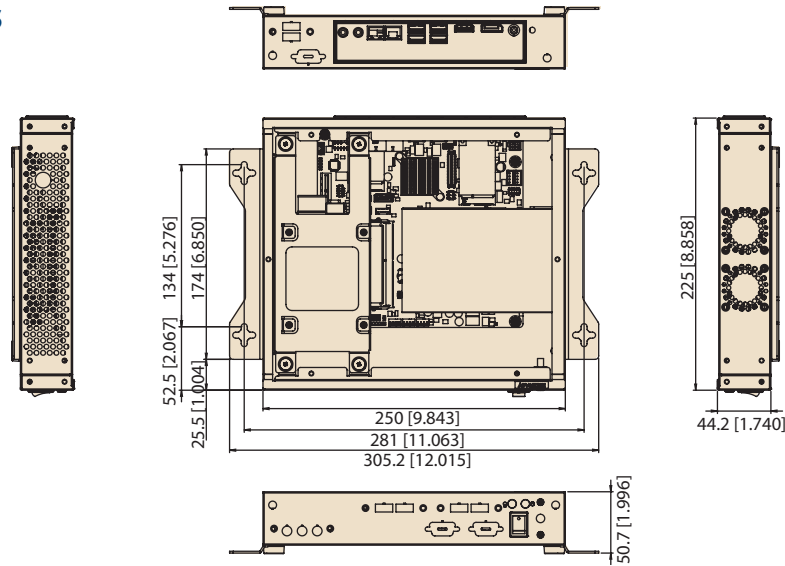
Specifications

| Model Name | | EPC-T2285CA-00Y1E | EPC-T22855A-00Y0E |
|-------------------------|---------------------------|---|--|
| Barebone system | Description | Fan-base barebone, w/ CPU, w/o HDD, SSD, Memory, Adapter | |
| Processor System | Compatible Motherboard | AIMB-285G2-00A1E | |
| | Thermal solution | 2x chassis fan (4cm/23.8CFM each) | |
| | CPU | Intel® Celeron® G3900 Processor, 2C GT1 2M 2.8 GHz, 51W | Intel® Core™ i5-6500TE Processor, 4C GT2 6M 2.3/3.3 GHz, 35W |
| | BIOS | AMI EFI 128 Mbit, SPI | |
| Memory | Socket | 2 x 260 PIN DDR4 SO-DIMM (Non-ECC) | |
| | Technology | Dual Channel DDR4 2133 MHz SDRAM | |
| | Max. Capacity | 32GB (up to 16GB per SO-DIMM) | |
| Graphics | Chipset integrated | Intel® HD Graphics, Supports OpenGL 5.x, DirectX12, OpenCL 2.X | |
| Storage | 2.5" HDD bay | 1 (support 2.5" HDD/SSD, max 9.5 mm height) | |
| | mSATA Slot | 1 (Full-size) | |
| Ethernet | Interface | 10/100/1000 Mbps | |
| | Controller | LAN1: Realtek RTL8111G LAN2: Realtek RTL8111G | |
| | Connector | 2 (RJ-45) | |
| Audio | Chipset | Realtek ALC892, High Definition Audio(HD) | |
| Internal expansion Slot | Mini-PCIe | 1 F/S miniPCIe slot support mSATA; 1 H/S miniPCIe slot with SIM card holder | |
| Front Panel | USB | 4 (USB2.0) | |
| | COM | 2 (1x RS-232, 1 x RS-232/422/485 with 5V/12V) | |
| | Audio Jack | 2 (Line-Out, Mic-In) | |
| | Antenna (optional) | up to 2 | |
| Rear Panel | DP++ | 1 | |
| | DP/HDMI | 1 (HDMI 1.4) | |
| | Lan | 2 (RJ-45) | |
| | USB | 4 (USB3.0) | |
| | Audio Jack | 2 (Line-Out, Mic-in) | |
| | Power Input | 1 (DC Jack) | |
| Miscellaneous | Antenna (optional) | up to 2 | |
| | LED Indicators | 2 (Power LED, HDD LED) | |
| Power Requirements | Control | 1 (Power Switch); 1 (Reset Switch) | |
| | Voltage Power | 12V DC-in | |
| Environment | Consumption | 65.16W (idle with Inte Celeron® G3900 Processor) | |
| | Operating Temperature | HDD: 0 ~ 45°C (32 ~ 113°F) SSD: 0 ~ 50°C (32 ~ 122°F) | |
| | Non-operating Temperature | -20 ~ 60° C (-4 ~ 140° F) | |
| | Humidity | 10 ~ 85% @ 40° C, non-condensing | |
| Dimensions (W x H x D) | Vibration (5 ~5 00Hz) | 1 Grms (HDD x 1); 3 Grms (SSD x 1) | |
| | Weight | 250 x 44.2 x 225 mm (9.84" x 1.74" x 8.85") | |
| Weight | Weight | 3.23 kg | |

EPC-T2285 Series System

Dimensions

Unit: mm [inch]



Front View



Rear View



With AIMB-285

Ordering Information

| Parts Number | Description | Supported MB | CPU | Front Panel | | | | | Rear Panel | | | | | Regulations | |
|-------------------|---|------------------|----------------|-------------|-----|------------|---------|---------|------------|-----|-----|-----|-------------|-------------|--------------|
| | | | | USB 2.0/3.0 | COM | Audio Jack | DP/DP++ | DP/HDMI | DVI | VGA | LAN | COM | USB 2.0/3.0 | | Audio |
| EPC-T2285CA-00Y1E | EPC-T2285 barebone, w/ CPU Cel-G3900, w/o ADP, RAM, HDD/SSD | AIMB-285G2-00A1E | Celeron G3900 | (4/0) | (2) | (2) | (1) | (1) | (0) | (0) | (2) | (0) | (0/4) | (2) | CE, FCC, CCC |
| EPC-T22855A-00Y0E | EPC-T2285 barebone, w/ CPU i5-6500TE, w/o ADP, RAM, HDD/SSD | AIMB-285G2-00A1E | Core i5-6500TE | (4/0) | (2) | (2) | (1) | (1) | (0) | (0) | (2) | (0) | (0/4) | (2) | CE, FCC, CCC |
| EPC-T22857A-00Y1E | EPC-T2285 barebone, w/ CPU i7-6700, w/o ADP, RAM, HDD/SSD | AIMB-285G2-00A1E | Core i7-6700 | (4/0) | (2) | (2) | (1) | (1) | (0) | (0) | (2) | (0) | (0/4) | (2) | CE, FCC, CCC |

Packing List

| Part Number | Description | Quantity |
|----------------|------------------------------------|----------|
| 1990012452S000 | Bottom rubber foot | 4 |
| 1930003238 | Screws for bottom rubber foot | 4 |
| 1930001241 | Screws for Hard Disk/ spare | 6 |
| 1930004828 | Screws for Hard Disk bracket spare | 2 |
| 1990021263S000 | Lock harness for power cord | 1 |
| 1990021264S000 | | |
| 1994000040 | LVDS Snap wire bushing | 1 |
| 2190000902 | Warranty card | 1 |

Optional Accessories

| Part Number | Description |
|-----------------|--|
| AIMB-0BRK-WM02E | Wall mounting kit |
| AIMB-0BRK-VM04E | VESA mounting kit |
| AIMB-0BRK-RM02E | Rack mounting kit |
| 1700024790-01 | A Cable USB-A 4P(F)*2*5P-2.0 20CM F/10 |
| 1700024629-01 | 1 port COM cable for rear panel, 250mm |
| 1700024598-01 | HDD cable, 200mm |
| 1700027140-01 | VGA cable for EPC-T2285 |
| 96PSA-A120W12V1 | ADP A/D 100-240V 120W 12V C14 DC Plug 180° |
| 96PSA-A84W12V1 | Adapter DC 12V, 7.0A/ 84W, AC 100-240V _{AC} /1.3A 50-60Hz |
| 1702002600 | Power cord, 3-pin power cord (US) |
| 1702002605 | Power cord, 3-pin power cord (EU) |
| 1702031801 | Power cord, 3-pin power cord (UK) |
| 1700000237 | Power cord, 3-pin power cord with PSE (Japan) |
| 1700000596 | Power cord, 3-pin power cord (CCC) |

** If using the 51W CPU, we prefer to use 120W power adapter.