

# 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-I/O 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



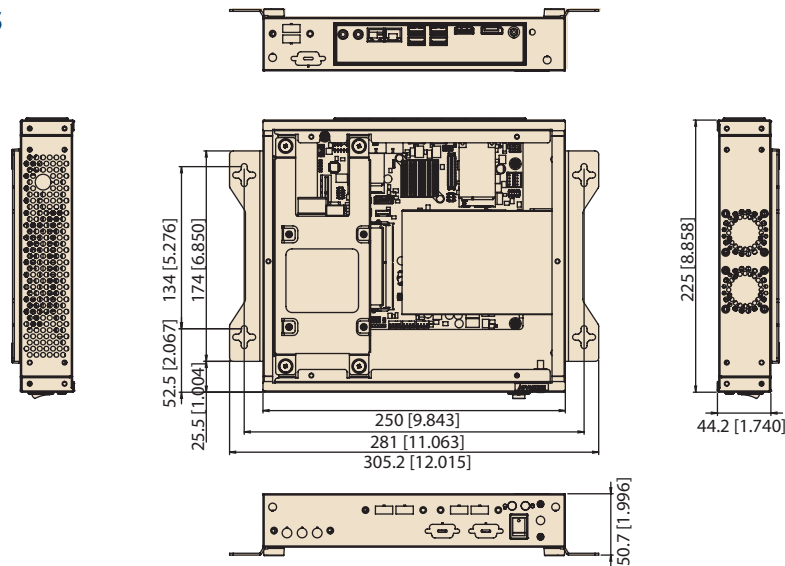
## Specifications

| 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<br>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     | - 0 ~ 45 °C, with 65W CPU and HDD<br>- 0 ~ 50 °C, with 65W CPU and SSD (-20 ~ 70 °C) |                                                              |
|                         | 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)                                                   |                                                              |
|                         |                           | 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-T22853A-00Y1E | EPC-T2285 barebone, w/ CPU i3-6100, w/o ADP, RAM, HDD/SSD   | AIMB-285G2-00A1E | Core i3-6100   | (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 | 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)*2/2*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 <sub>ac</sub> /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, please use 120W power adapter.