

# EPC-T4286 Series System

**THIN barebone with 8th/9th Gen. Intel® Desktop Core i Processor**



## Features

- THIN Compact 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
- Support Wall/VESA/Din Rail Kit
- Lock type DC power jack

▪ Note: CE (No RED certification)

## Specifications

|                         | Model Name                                | EPC-T4000 series  |  |  |
|-------------------------|---|---|--|--|
|                         | Order Parts Number                        | EPC-T42865A-08Y0E   | EPC-T42865A-00Y0E                          | EPC-T42865A-EUY2E  |
| Barebone system         | Description                               | Fan-base barebone, w/ CPU; w/o HDD, SSD, Memory, Power Adapter  |  |  |
| Processor System**      | CPU Cooler (17.79CFM)                     | 1   | 1  | 1  |
|                         | Sys FAN (4cm/23.8CFM)                     | 1 (Optional TPN for 2 sys fan w/ 65W CPU @40°C)   |  |  |
|                         |   | Intel® Core™ i5-8500T (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                             | Default 4GB (Can upgrade at CTOS)   | Up to 64GB (32G per SO-DIMM)               | Up to 64GB (32G per SO-DIMM)   |
| Graphics                | Chipset integrated                        | Intel® HD Graphics, Supports OpenGL 5.x, DirectX12, OpenCL 2.X  |  |  |
| Storage**               | 2.5" HDD bay                              | Default 1 x 2.5" 64GB SSD   | 1 (support 2.5" SSD, max 7 mm height)      | 1 (support 2.5" SSD, max 7 mm height)  |
|                         | Interface                                 | 10/100/1000 Mbps  |  |  |
| Ethernet**              | Controller                                | LAN1: Realtek 8111G<br>LAN2: Realtek 8111G<br>LAN3: Intel i211AT  | LAN1: Realtek 8111G<br>LAN2: Realtek 8111G | LAN1: Realtek 8111G<br>LAN2: Realtek 8111G   |
|                         | Connector                                 | 3 (RJ-45)   | 2 (RJ45)                                   | 2 (RJ45)   |
|                         | Chipset                                   | Realtek ALC888S, High Definition Audio(HD)  |  |  |
| Internal expansion Slot | M.2 socket                                | 1 x B key for SSD and 3G/4G (USB 3.0 colay with USB 4), Type: 2242, 3042mm;<br>1 x E key for wireless, Type: 2230mm |  |  |
| Front Panel**           | DP/HDMI                                   | 1 / 1 (HDMI 1.4 + DP1.2)  |  |  |
|                         | Lan                                       | 3 (RJ-45)   | 2 (RJ45)                                   | 2 (RJ45)   |
|                         | USB                                       | 4 USB3.0 / 2 USB2.0 (USB 4 colay with USB port of M.2 B key)  |  |  |
|                         | Audio Jack                                | 2 (Line-Out, Mic-in)  |  |  |
|                         | Power Input                               | 1 (DC Jack)   |  |  |
|                         | COM                                       | 2 (1x RS-232, supports 5V/12V by jumper selection;<br>1 x RS-232/422/485 by Bom optional, default RS-232)           |  | 0  |
|                         | Grounding Screws                          | 1   |  |  |
|                         | Antenna (optional)                        | 1   |  |  |
| Rear Panel**            | COM                                       | 4 (3 x RS-232, 1 x RS-232/422/485 by Bom optional, default RS-232)  | 0  | 0  |
|                         | Antenna (optional)                        | up to 2   |  |  |
| Miscellaneous           | LED Indicators                            | 2 (Power LED, HDD LED)  |  |  |
|                         | Remote Power Jack                         | 1 2.5Ø jack   |  |  |
|                         | Control                                   | 1 (Power Switch);<br>1 (Remote Power Switch)  |  |  |
| Power Requirements      | Voltage Power                             | 12V DC-in   | 12V DC-in                                  | 12V DC-in  |
|                         | Power Adapter                             | Default 84W ADP*  | Optional                                   | Optional   |
|                         | Consumption                               | 80.4W   |  |  |
| Environment             | Operating Temperature                     | -0 ~ 50 °C, with 35W CPU and SSD<br>-0 ~ 40°C with 65W CPU, SSD/HDD, Dual system FAN                                |  | -0 ~ 50 °C, with 35W CPU and SSD<br>-0 ~ 40°C with 65W CPU, SSD/HDD, Dual system FAN |
|                         | Non-operating Temperature                 | -40 ~ 85 °C (-40 ~ 185 °F)  |  |  |
|                         | Humidity                                  | 10 ~ 95% @ 40 °C, non-condensing  |  |  |
|                         | Vibration (5 ~5.00Hz)                     | 0.5 Grms (HDD x 1); 3 Grms (SSD x 1)  |  |  |
| Certification           | CE, FCC, CCC, CB/UL                       |   |  | CE, FCC, CCC, CB/UL  |
| Dimensions (W x H x D)  | 188 x 44.2 x 188 mm (7.4" x 1.74" x 7.4") |   |  |  |
| Weight                  | 2.1kg                                     |   |  |  |

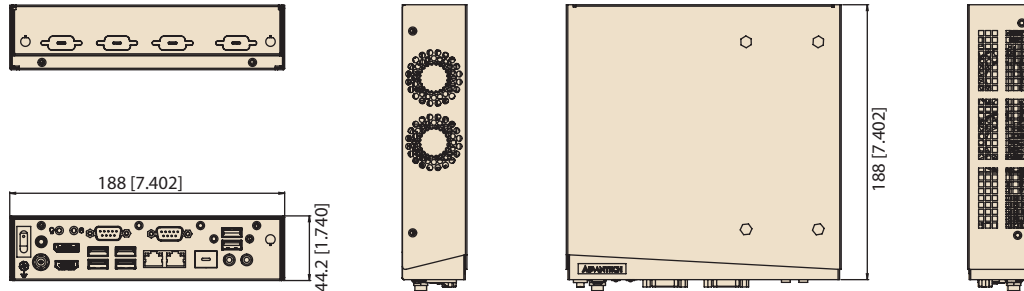
\* Kindly re-view actual power consumption then chose proper power adapter

\*\* IOs/Config. could be discussed by project based or TPN w/ MOQ 250PCs

# EPC-T4286 Series System

## Dimensions

Unit: mm [inch]



## Front View

### EPC-T42865A-08Y0E



### EPC-T42865A-00Y0E



### EPC-T4286SA-EUY2E



## Rear View



## Ordering Information

| Parts Number        | Description  | CPU           | CPU TDP | Front Panel |             |     |     |                 |                          | Rear Panel COM | Sys FAN | Power Adapter | OS                  | OP Temp                        | Regulations         |
|---------------------|--|---------------|---------|-------------|-------------|-----|-----|-----------------|--------------------------|----------------|---------|---------------|---------------------|--------------------------------|---------------------|
|                     |  |               |         | DP/HDMI     | USB 2.0/3.0 | COM | Lan | Remote PWR Jack | Audio                    |                |         |               |                     |                                |                     |
| EPC-T42865A-08Y0E** | EPC-T4286 barebone, w/CPU i5-8500T, 84W ADP, 4G RAM, 64G SSD | Core i5-8500T | 35W     | 1/1         | 2/4         | 2   | 3   | 1               | 1 x Mic-in, 1 x Line-out | 4              | 1       | 84W           | Windows 10 Embedded | 0-50°C                         | CE, FCC, CCC, CB/UL |
| EPC-T42865A-00Y0E** | EPC-T4286 barebone, w/CPU i5-8500T, w/o RAM, HDD/SSD, ADP    | Core i5-8500T | 35W     | 1/1         | 2/4         | 2   | 2   | 1               | 1 x Mic-in, 1 x Line-out | N/A            | 1       | N/A           | N/A                 | 0-50°C                         | CE, FCC, CCC, CB/UL |
| EPC-T4286SA-EUY2E** | EPC-T4286 barebone, w/o CPU, RAM, HDD/SSD, ADP               | N/A           | N/A**   | 1/1         | 4/4         | 0   | 2   | 1               | 1 x Mic-in, 1 x Line-out | N/A            | 2       | N/A           | N/A                 | 35W CPU @50°C<br>65W CPU @40°C | CE, FCC, CCC, CB/UL |

\* USB 4 colay with USB port of M.2 B key.

\* CPU optional w/ TPN (MOQ 250 pcs).

\* 65W CPU w/ 2 sys FAN OP temp @ 40°C, w/TPN (MOQ 250PCs)

\*\* Current thermal solution support 65W w/ 2 sys FAN OP temp @ 40°C

\*\* IOs/Config. could be discussed by project based or TPN w/ MOQ 250PCs

## Packing List

| Part Number   | Description                   | Quantity |
|---------------|-------------------------------|----------|
| 2190000902    | Warranty card                 | 1        |
| 1930007259-01 | Screws for wall-mount bracket | 4        |
| 1992600110    | Rubber foot                   | 4        |
| 1930001241    | Screws for Hard Disk/ spare   | 8        |
| 202KAKMC00    | China RoHS                    | 1        |
| 2046028600    | Startup Manual                | 1        |

## Optional Accessories

| Part Number       | Description                                   |
|-------------------|---|
| AIMB-0BRK-WM02E   | Wall mounting kit                             |
| EPC-BRKT-VM010    | VESA mounting kit                             |
| EPC-BRKT-DM000    | DIN Rail mounting kit                         |
| 96PSA-A150W12W7-3 | ADP A/D 100-240V 150W 12V LOCKABLE DC JACK    |
| 96PSA-A120W12V1   | ADP A/D 100-240V 120W 12V C14 DC Plug 180°    |
| 1700030966-01     | USB cable (2 ports), 10cm                     |
| 1700022313-11     | COM cable (2 ports), 25cm                     |
| 1700030664-01     | COM cable (4 ports), 23cm                     |
| 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) |

\*\* If using the 51W CPU, please to use 120W power adapter.

# Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



## AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

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### PRŮMYSLOVÉ POČÍTAČE

*fanless embedded PC, do racku, ...*



### POČÍTAČE S DISPLEJEM

*panelové PC, terminály, do vozidel, ...*



### AUTOMATIZACE A SBĚR DAT

*převodníky, karty, moduly, switche, ...*



### PERIFERIE A KOMPONENTY

*monitory, klávesnice, desky, skříně, ...*



### NOTEBOOKY A TABLETY

*odolné, windows, android, IP65, ...*



### INFORMAČNÍ KIOSKY

*interiérové, venkovní, ...*



### MEDICÍNSKÁ TECHNIKA

*počítače, tablety, LCD, klávesnice, ...*



### SOFTWAREVÁ ŘEŠENÍ

*pro výrobu, zaměstnance, kiosky, ...*



### PŘEJÍT DO E-SHOPU

[eshop.autocont-ipc.cz](http://eshop.autocont-ipc.cz)



### DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



### PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



### ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



### SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.