

EPC-T4286 Series System

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

NEW



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
- One 2.5" shock-resistant drive bay
- Support Wall/VESA/Rack mounting Kit
- Lock type DC power jack

Specifications

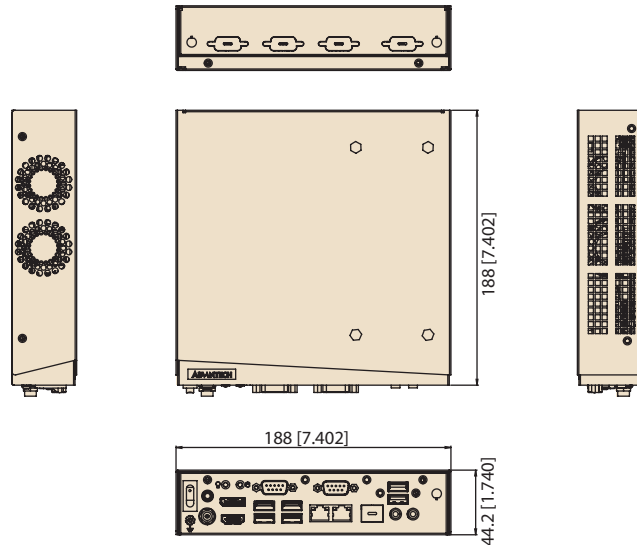


	Model Name	EPC-T4000 series	
	Order Parts Number	EPC-T42865A-08Y0E	EPC-T42865A-00Y0E
Barebone system	Description	Fan-base barebone, w/ CPU; w/o HDD, SSD, Memory, Power Adapter	
Processor System	Compatible Motherboard	AIMB-286F-00A1E	AIMB-286G2-00A1E
	Thermal solution	2x chassis fan (4cm/23.8CFM each)	
	CPU	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 (Up to 32GB)	Up to 32GB (16G 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" HDD/SSD, max 7 mm height)
	mSATA Slot	0	
Ethernet	Interface	10/100/1000 Mbps	
	Controller	LAN1: Realtek 8111G LAN2: Realtek 8111G LAN3: Intel i211AT	LAN1: Realtek 8111G LAN2: Realtek 8111G
	Connector	3 (RJ-45)	2 (RJ45)
Audio	Chipset	Realtek ALC888S, High Definition Audio(HD)	
Internal expansion Slot	Mini-PCIe	0	
	M.2	1 x B key for SSD and 3G/4G (USB 3.0 colay with USB04), Type: 2242, 3042mm; 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)
	USB	4 USB3.0 / 2 USB2.0	
	Audio Jack	2 (Line-Out, Mic-in)	
	Power Input	1 (DC Jack)	
	COM	2 (1x RS-232, supports 5V/12V by jumper selection; 1 x RS-232/422/485 by Bom optional, default RS-232)	
	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
	Antenna (optional)	up to 2	
Miscellaneous	LED Indicators	2 (Power LED, HDD LED)	
	Remote Power Jack	1 2.5Ø jack	
	Control	1 (Power Switch); 1 (Remote Power Switch)	
Power Requirements	Voltage Power	12V DC in (default 84W ADP)	12V DC-in
	Consumption	TBD	
Environment	Operating Temperature	-0 ~ 50 °C, with 35W CPU and SSD/HDD	
	Non-operating Temperature	-40 ~ 85 °C (-40 ~ 185 °F)	
	Humidity	10 ~ 85% @ 40 °C, non-condensing	
	Vibration (5 ~5 00Hz)	0.5 Grms (HDD x 1); 3 Grms (SSD x 1)	
Dimensions (W x H x D)		188 x 44.2 x 188 mm (7.4" x 1.74" x 7.4")	
Weight		2.1kg	

EPC-T4286 Series System

Dimensions

Unit: mm [inch]



Front View



Rear View



Ordering Information

Parts Number	Description	CPU	CPU TDP	Front Panel						Rear Panel	Power Adapter	OS	Regulations
				DP/HDMI	USB 2.0/3.0	COM	Lan	Remote PWR Jack	Audio	COM			
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	84W (Default)	Windows 10 Embedded (Default)	CE, FCC, CCC, CB
EPC-T42865A-00Y0E	EPC-T4286 barebone, w/CPU i5-8500T, w/o RAM, HDD/SSD	Core i5-8500T	35W	1/1	2/4	2	2	1	1 x Mic-in, 1 x Line-out	NA	NA	NA	CE, FCC, CCC, CB

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

* CPU optional w/ TPN (MOQ 50 pcs).

* 65W CPU w/ 2 sys FAN OP temp @ 40degC, w/TPN (MOQ 50PCs)

* CCC, CB will be ready in 2020/Q4

Packing List

Part Number	Description	Quantity
2190000902	Warranty card	1
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

Optional Accessories

Part Number	Description
AIMB-0BRK-WM02E	Wall mounting kit
TBD	VESA mounting kit
TBD	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°
96PSA-A84W12V1	Adapter DC 12V, 7.0A/ 84W, AC 100-240VAC/1.3A 50-60Hz
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.

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