

EPC-T2286 Series System

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

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/Rack mounting Kit
- Lock type DC power jack



- Note: CE (No RED certification)

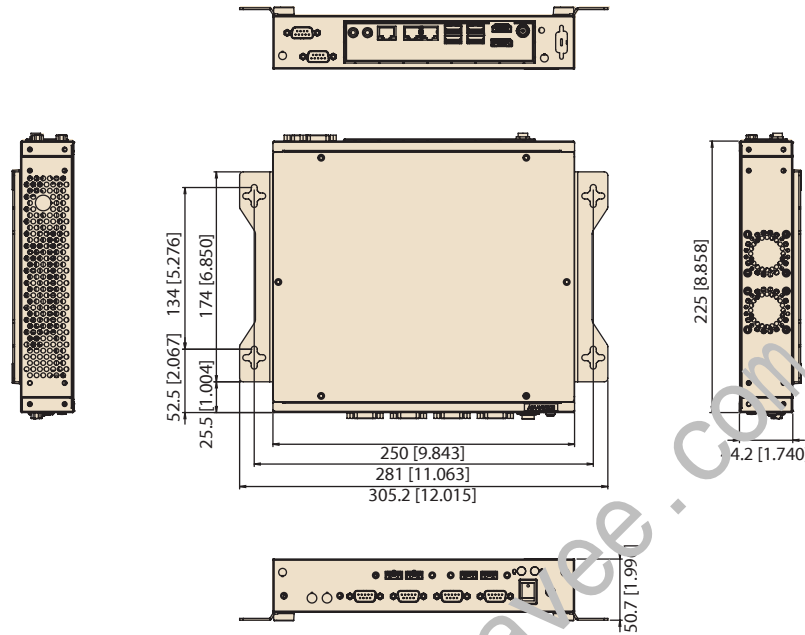
Specifications

	Model Name	EPC-T2000 series		
	Order Parts Number	EPC-T22865A-00Y02 EPC-T22865A-00T02**	EPC-T22867A-00Y12 EPC-T22867A-00T12**	EPC-T22863A-00Y0E
		**: Means Made in Taiwan		
Barebone system	Description	Fan-base barebone, w/ CPU; w/o HDD, SSD, Memory, Power Adapter		
Processor System	Compatible Motherboard	AIMB-286F-00A1E		
	Thermal solution	2 x chassis fan (4cm/23.807mm each)		
	CPU	Intel® Core™ i5-8500T (35W)	Intel® Core™ i7-8700 (65W)	Intel® Core™ i3-8100T (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	0		
Ethernet	Interface	10/100/1000 Mbps		
	Controller	LAN1: Realtek RTL8111H LAN2: Realtek RTL8111H LAN3: Intel i210AT		
	Connector	3 (RJ-45)		
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	USB	4 (USB2.0)		
	COM	4 (3x RS-232, 1 x RS-232/422/485 by Bom optional, default RS-232)		
	Audio Jack	0 (optional Line-Out, Mic-In)		
	Antenna (optional)	up to 2		
Rear Panel	DP++	0		
	DP/HDMI	1 / 1 (HDMI 1.4 + DP1.2)		
	Lan	3 (RJ-45)		
	USB	4 (USB 3.0, USB04 colay with M.2 B key for USB 3.0)		
	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)		
Miscellaneous	LED Indicators	2 (Power LED, HDD LED)		
	Control	1 (Power Switch); 1 (Remote Power Switch)		
Power Requirements	Voltage Power	12V DC-in		
	Consumption	TBD		
Environment	Operating Temperature	-0 ~ 50 °C, with 65W CPU and SSD/HDD (HDD: 0~ 60 °C)		
	Non-operating Temperature	-40 ~ 85 °C (-40 ~ 185 °F)		
	Humidity	10 ~ 85% @ 40 °C, non-condensing		
	Vibration (5 ~5 00Hz)	1 Grms (HDD x 1); 3 Grms (SSD x 1)		
Dimensions (W x H x D)	250 x 44.2 x 225 mm (9.84" x 1.74" x 8.85")			
Weight	4.0 kg			

EPC-T2286 Series System

Dimensions

Unit: mm [inch]



Front View



Rear View



Ordering Information

Parts Number	Description	CPU	CPU TDP	Front Panel				Rear Panel					Power Adapter	Regulations	
				USB 2.0/3.0	COM	Audio Jack	DP++	DP/HDMI	VGA	USB 2.0/3.0	COM	Lan			Audio
EPC-T22865A-00Y02	EPC-T2286 barebone, w/CPU i5-8500T, w/o ADP, RAM, HDD/SSD	Core i5-8500T	35W	(4/0)	(4)	(optional)	0	1/1	0	0/4	2	3	1 x Mic-in, 1 x Line-out	0	CE, FCC, CCC
EPC-T22865A-00T02**	EPC-T2286 barebone, w/CPU i5-8500T, ADP, w/o RAM, HDD/SSD	Core i5-8500T	35W	(4/0)	(4)	(optional)	0	1/1	0	0/4	2	3	1 x Mic-in, 1 x Line-out	120W	CE, FCC, CCC
EPC-T22867A-00Y12	EPC-T2286 barebone, w/CPU i7-8700, w/o ADP, RAM, HDD/SSD	Core i7-8700	65W	(4/0)	(4)	(optional)	0	1/1	0	0/4	2	3	1 x Mic-in, 1 x Line-out	0	CE, FCC, CCC
EPC-T22867A-00T12**	EPC-T2286 barebone, w/CPU i7-8700, ADP, w/o RAM, HDD/SSD	Core i7-8700	65W	(4/0)	(4)	(optional)	0	1/1	0	0/4	2	3	1 x Mic-in, 1 x Line-out	0	CE, FCC, CCC
EPC-T22863A-00Y02	EPC-T2286 STD barebone, w/ i3-8100T, w/o ADP, RAM, HD	Core i3-8100T	35W	(4/0)	(4)	(optional)	0	1/1	0	0/4	2	3	1 x Mic-in, 1 x Line-out	0	CE, FCC, CCC

* USB 4 colay with USB port of M.2 B key.
 * CPU optional w/ TPN (MOQ 50 pcs).
 * i3 SKU is project based MOQ:50 required
 **: Means Made in Taiwan

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
1990021263S000	Lock harness for power cord	1
1990021264S000	Lock harness for power cord	1
1994000040	LVDS Snap wire bushing	1

Optional Accessories

Part Number	Description
AIMB-0BRK-WM02E	Wall mounting kit
AIMB-0BRK-VM04E	VESA mounting kit
AIMB-0BRK-RM02E	Rack mounting kit
96PSA-A150W12W7-4	ADP DC-12V, 100-240V 150W with LOCKABLE DC JACK, Plug 180°
96PSA-A120W12W7-3	ADP DC-12V, 100-240V 150W with LOCKABLE DC JACK, Plug 180°
96PSA-A120W12V1	ADP DC-12V, 100-240V 150W no LOCKABLE DC JACK, Plug 180°
1700029428-01	USB cable (2 ports), 25cm
1700022313-01	COM cable (2 ports), 25cm
1700029538-01	COM cable (4 ports), 35cm
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 150W power adapter.