

EPC-4410, EPC-T4210 AMD Series System

1U, Slim PC with AMD Ryzen™ 7 PRO series Processor

NEW



Wise-DeviceOn



Features

- 1U, Slim design with 44.2mm in height
- Single panel for main IO ports
- Easy/ quick installation for additional peripherals
- Support Wall/VESA mounting Kit
- Lock type DC power jack

▪ Note: CE (No RED certification)

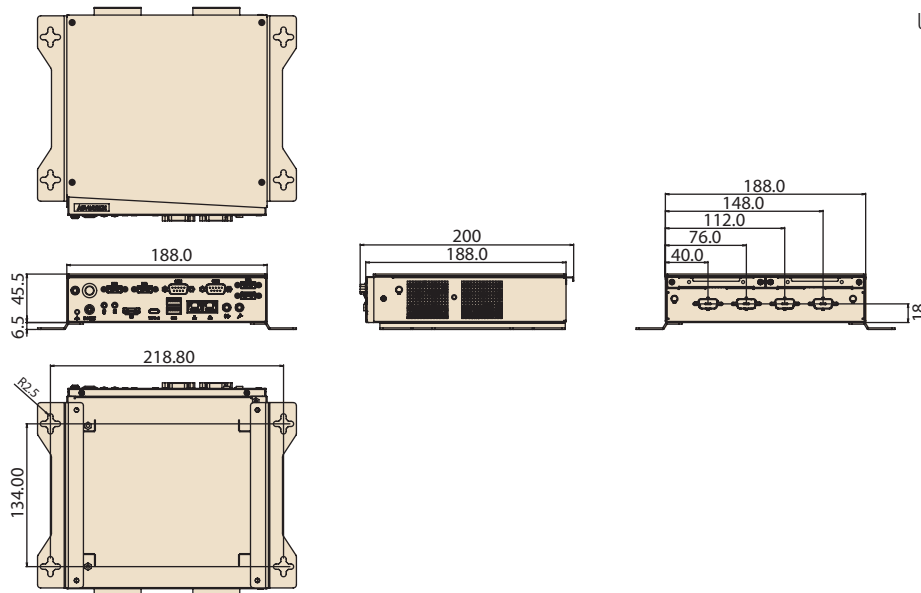
Specifications

Series		EPC-T4000 1U Fan-based series	
Model Name		EPC-T4410	EPC-T4210
Order Parts Number	PN	EPC-T4410A-33A1E	EPC-T4210A-33A1E
Processor System	System	Fan-based	Fan-based
	CPU / Chipset	AMD Ryzen™ 7 PRO 8840U	AMD Ryzen™ 7 PRO 8840U
	CPU base Frequency	3.30 GHz	3.30 GHz
	CPU Total Cores	8	8
	CPU Cache (L2/K3)	8MB/16MB	8MB/16MB
	TDP	28W	28W
	BIOS	AMI 256 Mbit SPI	AMI 256 Mbit SPI
Memory	Socket	2 x 262-pin SO-DIMM	2 x 262-pin SO-DIMM
	Technology	Dual channel DDR5 5600 MT/s (support ECC)	Dual channel DDR5 5600 MT/s (support ECC)
	Max. Capacity	96 GB (2x SO-DIMM, 1x slot up to 48 GB)	96 GB (2x SO-DIMM, 1x slot up to 48 GB)
Graphics	Chipset integrated	AMD Radeon™ Graphics	AMD Radeon™ Graphics
	DP	1 x DP++, up to 4096 x 2160 @ 60Hz,	4 x DP++, up to 4096 x 2160 @ 60Hz,
Expansion Slot	M.2	1 x M-key for SSD (Type: 2280, PCIe Gen4 x4), 1 x B-key for SSD (Type: 2242, PCIe Gen4 x2), 1 x E-key for wireless module (WiFi/BT, (Type: 2230, PCIe Gen3 x2, USB 2.0)	1 x M-key for SSD (Type: 2280), 1 x E-key for wireless module (WiFi/BT, (Type: 2230)
	PCIe	1 x PCIe x8 Gen4 with PCIe x16 slot	1 x PCIe x8 Gen4 with PCIe x16 slot
Storage	M.2 SSD	1 x M-key for SSD (Type: 2280)	1 x M-key for SSD (Type: 2280)
	2.5" SSD	No support	No support
Ethernet	Interface	10/100/1000/2500 Mbps	10/100/1000 Mbps
	Lan IC	LAN1: Intel i226V with RJ-45 LAN2: Intel i226LM with RJ-45 LAN3: Intel i226LM with RJ-45	LAN1: Realtek 8111K with RJ-45 LAN2: Realtek 8111K with RJ-45
	M.2 Module	E key for WiFi/BT module (Type: 2230)	E key for WiFi/BT module (Type: 2230)
Audio	Chipset	Realtek ALC888S, High Definition Audio(HD), Line out, Mic-in	Realtek ALC888S, High Definition Audio(HD), Line out, Mic-in
	GPIO	16 bit GPIO	16 bit GPIO
Internal IO		4x COM, COM1: RS-232/RS-485 via 4wire, and RS485 by jump; COM2/3/4: RS-232 via 4wire	6x COM, COM1/4: Support RS-232 (RI Power 5V/12, by BOM option) COM2/5: Support RS-232/422/485 by BOM option COM3/6: Support RS-232
	Serial ports (COM)		
Watchdog Timer	Interval	System reset; Programmable 1 ~ 255 sec or min	System reset; Programmable 1 ~ 255 sec or min
Front Panel	Power Switch	1 x Powerpush button 1 x Remote Power Switch with 2.5mm power jack (optional)	1 x Powerpush button 1 x Remote Power Switch with 2.5mm power jack (optional)
	LED Indicators	1 x Power LED 1 x HDD LED	1 x Power LED 1 x HDD LED
	DP++	1	4
	HDMI (FHD)	1	NA
	USB	2x USB 2.0 4 x USB 3.2 (Gen2x1)	2x USB 2.0 4 x USB 3.2 (Gen2x1)
	Serial ports (COM)	2 (COM1/2: Default is RS-232)	2 (COM1/2: default is RS-232)
	LAN	3 with RJ-45	2 with RJ-45
	Audio	2 (Line-Out/MIC-In)	2 (Line-Out/MIC-In)
	Power input with DC Jack	1	1
	Rear Panel	Serial ports/GPIO	4 pre-cut (can add up to 2 COM ports in any two positions.)
Antenna		2 pre-cut (Optional)	2 pre-cut (Optional)
Power Requirements	Voltage Power	DC-12V input with 2.5mm power jack	DC 12V-24V input with 2.5mm power jack
	Power Adapter	120W, 12V DC-in (Optional)	120W, 12V DC-in (Optional)
Expansion Area Environment	Operating Temperature	0 ~ 45°C (32 ~ 113°F)	0 ~ 45°C (32 ~ 113°F)
	Non-operating Temperature	-40 ~ 85°C (-40 ~ 185°F)	-40 ~ 85°C (-40 ~ 185°F)
	Humidity	85% @ 40° C, non-condensing	85% @ 40° C, non-condensing
	Vibration (5 ~5 00Hz)	3Grms (1 x 2.5" SSD)	3Grms (1 x 2.5" SSD)
Dimensions (W x H x D)		188 x 44.2 x 188 mm (7.4" x 1.74" x 7.4")	188 x 44.2 x 188 mm (7.4" x 1.74" x 7.4")
Weight		2.1kgw	2.1kgw
Mounting bracket		Wall \ VESA mount (Optional)	Wall \ VESA mount (Optional)

EPC-4410, EPC-T4210 AMD Series System

Dimensions

Unit: mm [inch]



Front View

EPC-4410

EPC-T4210



Rear View

EPC-T4410

EPC-T4210



Ordering Information

Parts Number	Description	CPU	Front IO							Rear IO COM	Internal IO / Function			
			HDMI	DP	GbE	USB3.2	USB2.0	COM	Audio		M.2 M-key	M.2 B-key	M.2 E-key	TPM
EPC-T4410A-33A1E	EPC-T4410 Barebone, w/ AMD Ryzen™ 7 PRO 8840U, 2xCOM	AMD 8840U	1	1	3	4	2	2	2	(2)	1 (2280)	1 (2242)	1 (2230)	Yes
EPC-T4210A-33A1E	EPC-T4210 Barebone, w/ AMD Ryzen™ 7 PRO 8840U, 2xCOM	AMD 8840U	0	1	2	4	2	2	2	(4)	1 (2280)	0	1 (2230)	Yes

* GPIO: It can occupy the position of 1pcs COM port on the rear panel.

* T-PN MoQ is 100pcs

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 storage device	2
manual	user manual	1

* If there are any changes to the packaging materials, the actual packaging shall prevail.

Optional Accessories

Part Number	Description
AIMB-0BRK-WM02E	Wall mounting kit
EPC-BRKT-VM010	VESA mounting kit
96PSA-A120W12W7-3	ADP DC-12V, 100-240V 120W with LOCKABLE DC JACK, Plug 180°
96PSA-A120W12V1	ADP DC-12V, 100-240V 120W no LOCKABLE DC JACK, Plug 180°
1700035776-01	EPC-T4410 Front COM cable, 20cm
1700035775-01	EPC-T4410 Rear COM cable, 20cm
1700035482-01	EPC-T4410 Front USB-A cable, 25cm
1700035844-01	EPC-T4210 Front COM cable, 25cm
1700035845-01	EPC-T4210 Rear COM cable, 10cm
1700035482-01	EPC-T4210 Front USB-A cable, 25cm
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)