

EPC-T428A Series System

**1U, Slim PC with Intel®
12th/13th/14th Gen. Core i Processor**

NEW



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

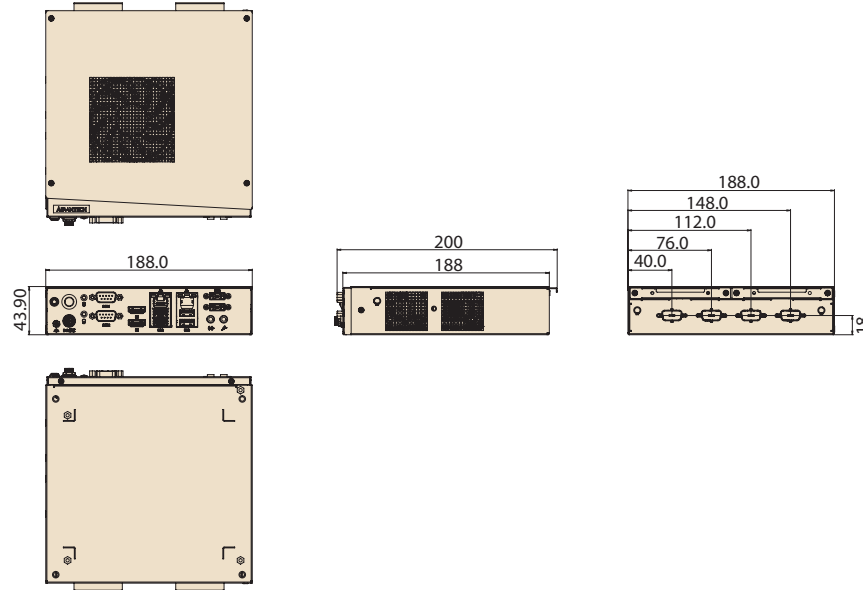
	Model Name	EPC-T4000 series	
	Order Parts Number	EPC-T428A0A-2711E EPC-T428A0A-2711U	EPC-T428A0A-1711E EPC-T428A0A-1711U
Barebone system	Description	Fan-based barebone w/ Intel® 14th Gen. Core™ I CPU up to 35W; without RAM, Storages, ADP	
Processor System	Thermal solution	2 x chassis fan + CPU Cooler	
	CPU	Intel® 14th Gen. Core™ i3-14100T	Intel® 14th Gen. Core™ i5-14500T
	BIOS	AMI EFI 128 Mbit, SPI	
	Chipset	Intel H610E	
Memory	Socket	Two DDR 262-pin SO-DIMM	
	Technology	Support Dual Channel DDR5 4800/5600MHz (based on CPU) SDRAM (Non-ECC)	
	Max. Capacity	64 GB/ up to 32 GB per DIMM/support 8GB, 16GB, 32GB	
Graphics	Chipset integrated	Graphics Base Frequency: 300 MHz Graphics Max Dynamic Frequency: 1.5 GHz	
Storage	M.2 with M key	1* M-key with PCIe x4 for storage (Type: 2242; PCIe/NVMe interface M.2 SSD) (please see "Expansion Slot")	
Ethernet	Interface	(10/100/1000/2500 Mbps)	
	Controller	LAN 1: Intel i219LM (10/100/1000 Mbps) LAN 2: Intel i226V (10/100/1000/2500 Mbps)	
	Connector	2 (RJ-45)	
Audio	Chipset	Realtek ALC888S, High Definition Audio(HD)	
Expansion Slot	M.2 with M key	1* M-key with PCIe x4 M.2 card (Type: 2242; when for storage can support PCIe/NVMe interface M.2 SSD)	
	PCIe slot	0	
Internal Connector	COM	4 ports, COM1/COM3/COM4 support RS-232. COM2 support RS232/422/485)	
	USB 2.0	2 ports (in front panel)	
Front Panel	HDMI	2	
	Ethernet	2 (RJ-45)	
	USB 3.2/ USB2.0	4/2	
	Audio	2 (Mic-In, Line-out)	
	COM (optional)	2 (COM1/COM2)	
	LED Indicators	2 (Power LED, HDD LED)	
	Power Switch	1 (Power Switch)	
Rear Panel	Power Input	1 (DC Jack)	
	COM (optional)	2 (optional COM3/COM4)	
	GPIO (optional)	8-bit (optional)	
Power Requirements	Voltage	12V DC-in	
	Power Consumption	63W with Intel 14500T	
Environment	Operating Temperature	0 ~ 45°C (32 ~ 114°F)	
	Non-operating Temperature	-40 ~ 85 °C (-40 ~ 185 °F)	
	Humidity Vibration (5 ~5 00Hz)		
	Humidity	85% @ 40 °C, non-condensing	
Dimensions (W x H x D)	Vibration (5 ~5 00Hz)	3 Grms (With SSD)	
	Dimensions (W x H x D)	188 x 44.2 x 188 mm (7.4" x 1.74" x 7.4")	
Weight	Weight	2.8 Kg	

** If COM4 needs to be added and two memory modules are required, you must first install the lower memory module (DIMMB1), and then install COM4 on the rear panel.

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Dimensions

Unit: mm



Front View



Rear View

Default



optional



Ordering Information

PN	Description	CPU	HDMI	DP	Lan	Front IO			COM	RearIO			M.2	TPM	Others	
						USB 3.2/2.0	Audio			COM	GPIO				OS	certificate
EPC-T428A0A-2711E EPC-T428A0A-2711U **	Bare-bone, with H610E, w/ CPU: i3-14100T w/o RAM, storage, ADP	Intel® 14th Gen. Core i3-14100T	2	0	2 (RJ-45)	4/2	2 (Mic-In, Line-out)		2	(2) (optional)	(1) (optional)		1 (2242)	Yes	optional	CE, FCC, 3C, BSMI
EPC-T428A0A-1711E EPC-T428A0A-1711U**	Bare-bone, with H610E, w/ CPU: i5-14500T w/o RAM, storage, ADP	Intel® 14th Gen. Core i5-14500T	2	0	2 (RJ-45)	4/2	2 (Mic-In, Line-out)		2	2 (optional)	(1) (optional)		1 (2242)	Yes	optional	CE, FCC, 3C, BSMI

* COM: total have 4 ports (2 ports be fixed on front panel, 2 ports can be optional.)

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

* T-PN MoQ is 100pcs

* Use T-PN to change chipset from H610E to Q67E, it will can support iAMT and vPro.(CPU must support)

* Add optional function, please use T-PN or CTOS mode.

** If COM4 needs to be added and two memory modules are required, you must first install the lower memory module (DIMMB1), and then install COM4 on the rear panel.

** "U": Means Made in Taiwan

Packing List

Part Number	Description	Quantity
2190000902	Warranty card	1
1992600110T000	Bottom rubber foot	4
1930001241	Spare screws	2
1700030904-01	COM3/COM4 Cable	1
193A244002	Screw for COM3/COM4	4

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

OS Optional

OS	PN
Ubuntu 24.04 64b	20706U24DS0051
Windows11 64b 24H2 for Intel i3/i5 CPU	20706WLV1S0126
Windows11 64b 24H2 for Intel i7/i9 CPU	20706WLH1S0126

Optional Accessories

Part Number	Description
AIMB-0BRK-VM02E	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°
96PSA-A150W12W7-4	ADP DC-12V, 100-240V 150W with LOCKABLE DC JACK, Plug 180°
1700032496-01	USB2.0 cable, 15cm
1700019414	COM cable (1 ports), 25cm
1700031615-01	COM cable (2 ports), 50cm
1700034192-01	GPIO cable (female D-SUB), 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)