

# EPC-T4218 Thin Fanless 1U System

1U, Compact barebone System with Intel Atom/Celeron/Pentium Processor



## Features

- 1U THIN Compact Fanless design
- Single IO panel for default
- Thin barebone with multi-IO ports is suitable for variety of application environments with DC-in design
- Easy/ quick installation for additional peripherals
- Support Wall/VESA/Din Rail mounting kit



- Note: CE (No RED certification)

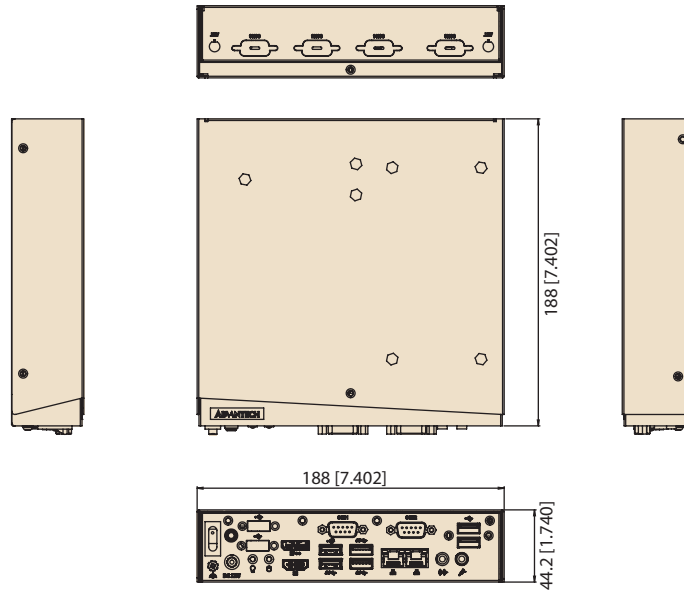
## Specifications

Series	EPC-T4000 series		
Model Name	EPC-T4218		
Order Parts Number	PN	EPC-T4218ZW-00Y0E	EPC-T4218JW-00Y0E
Processor System	System	Fanless	
	CPU / Chipset	Intel Atom x6413E	Intel Celeron J6412
	CPU Burst Frequency	3.00 GHz	2.60 GHz
	CPU Base Frequency	1.50 GHz	2.00 GHz
	CPU Cache	1.5 MB L2 Cache	1.5 MB L2 Cache
	BIOS	AMI 256 Mbit SPI	
Memory	Socket	2 x 260-pin SO-DIMM (Non-ECC)	
	Technology	Dual channel DDR4 3200 MHz SDRAM	
	Max. Capacity	32 GB/32 GB per SO-DIMM	
Graphics	Chipset integrated	Intel® UHD Graphics for 10th Gen Intel® Processors, support 4K at 60Hz; Max Resolution 4096x2160@ 60Hz Support double display	
	Interface	10/100/1000 Mbps	
Ethernet	Lan IC	LAN1: Realtek 8111H with RJ-45 LAN2: Realtek 8111H with RJ-45	
	M.2 Module	E key for wireless module (Type: 2230)	
	Slim 2.5" HDD	only support 1 x 2.5" SSD (7mm)	
Storage	M.2	B key for storage and LTE module (only support PCIe1 signal, Type: 2242/2280)	
	Chipset	Realtek ALC888, High Definition Audio(HD)	
Internal IO	GPIO	8 bit GPIO	
Watchdog Timer	Interval	System reset; Programmable 1 ~ 255 sec/min	
Front Panel	Power Switch	1 x Powerpush button 1 x Remote Power Switch with 2.5mm power jack	
	LED Indicators	1 x Power LED	
		1 x HDD LED	
	DP	1	
	HDMI	1	
	USB	5 x USB 2.0	
		3 x USB 3.2	
	Serial ports	2 COM ports	
	LAN	2	
	Audio	1 x Line out	
Power input with DC Jack	1		
Antenna	1 (Optional)		
Rear Panel	Serial ports	4 x COM ports (Optional)	
	Antenna	2 (Optional)	
Power Requirements	Voltage Power	DC-12V input with 2.5mm power jack	
	Power Adapter	60W, 12V DC-in (Optional)	
Expansion Area Environment	Operating Temperature	0 ~ 50°C (32 ~ 122°F)	0 ~ 45°C (32 ~ 113°F)
	Non-operating Temperature	-20 ~ 60°C (-4 ~ 140°F)	
	Humidity	10 ~ 95% @ 40° C, non-condensing	
	Vibration (5 ~5 00Hz)	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")		
Weight	2.1kgw		
Certification	CE, FCC		
Mounting bracket	Wall \ VESA mount \ DIN Rail (Optional)		

# EPC-T4218 Thin Fanless 1U System

## Dimensions

Unit: mm [inch]



## Front View



## Rear View

(Default)



(Optional)



## Ordering Information

Parts Number	Description	CPU	CPU TDP	Power Switch	Remote PWR Jack	Front Panel						Rear Panel	Power Adapter	OP Temp	Regulations
						DP/ HDMI	USB 2.0/3.0	COM	Lan	Remote PWR Jack	Audio	COM			
EPC-T4218ZW-00Y0E	EPC-T4218 barebone w/ CPU Intel Atom x6413E, w/o RAM, SSD, ADP, OS	Intel Atom x6413E	9W	1	1	1/1	5/3	2	2	1	Line-out	(4)	NA	0-50°C	CE, FCC, 3C
EPC-T4218JW-00Y0E	EPC-T4218 barebone w/ CPU Intel Celeron J6412, w/o RAM, SSD, ADP, OS	Intel Celeron J6412	10W	1	1	1/1	5/3	2	2	2	Line-out	(4)	NA	0-45°C	CE, FCC, 3C

## Packing List

Part Number	Description	Quantity
2190000902	Warranty card	1
1992600110	Rubber foot	4
1930001241	Screws for Hard Disk/ spare	8
202KAKMC00	China RoHS	1
2006421800	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-A60W12V1-4	ADP A/D 100-240V 60W 12V C14 DC PLUG 180°
1700032494-01	USB cable (2 ports with Right USB port), 25cm
1700032496-01	USB cable (2 ports with Left USB port), 15cm
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)