EPC-T3217

1U Thin Mini-ITX Chassis with 1 x Expansion Slot



Features

- Supports Intel® Pentium® N4200
- 1U chassis supports thin mini-ITX board
- Easy device installation (like mini-PCIe, mSATA…)
- One expansion slot (full height)
- Reserved pre-cut USB, COM, and WLAN antenna slots
- Optional wide power 9~36V DC input

WISE-PaaS/ DeviceOn

- Note: CE (No RED certification)

Specifications

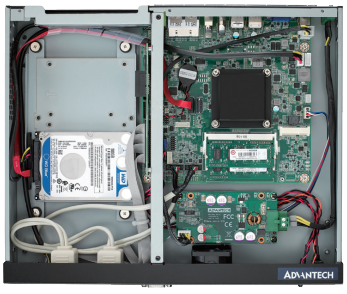
Model Name		EPC-T3217
Order Number		EPC-T3217DA-06Y0E
Drive Bay	HDD/SSD	2.5" HDD/SSD x2, or 2.5" HDD/SSD x1, or 3.5" HDD/SSD x1
Cooling	Fan	Fanless
System Spec	CPU	N4200
	Core Number	4
	Max Speed	1.1GHz
	TDP	6W
	Memory	Two 204-pin SO-DIMM up to 8 GB DDR3L 1866 MHz SDRAM
Front IO	USB	4
	Serial	4
	Audio	Mic in, Line out
	WLAN Antenna	2 (Optional)
	Miscellaneous	Power Switch, Reset button, Power LED, HDD LED
Rear IO	HDMI	1
	Display Port 1.2	1
	Ethernet	2
	USB	4 (USB3.0)
	Audio	1 Line out
	Phoenix Connector	1 (DC 9~36V input)
	DC Power Jack	1 (w/o wide power Sku ; optional)
	Expansion Slot	1 (Full height; 185L x 111.15W x 16.1H mm); PCIe x1; E key for wireless module (Type: 2230)
Environment	Operating Temperature	Depends on different HDD/SSD/ PCIe expansion card combination
	Non-operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)
	Humidity	10 ~ 85% @ 40 °C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms (HDD*1); 0.5 Grms (HDD*2)
	Shock	10G (with 11ms duration, half sine wave)
	Certification	CE/FCC
Physical Characteristics	Dimensions (W x H x D)	330 x 44 x 270 mm
	Weight	5.68kg

* Bottom drive bay supports max. 7mm height HDD.

Front View



Internal View



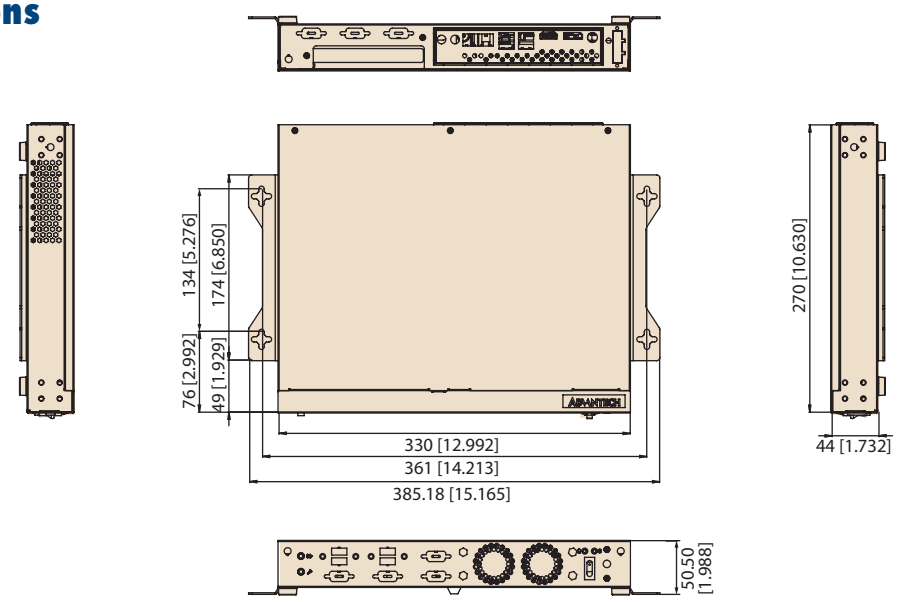
Rear View



All product specifications are subject to change without notice.

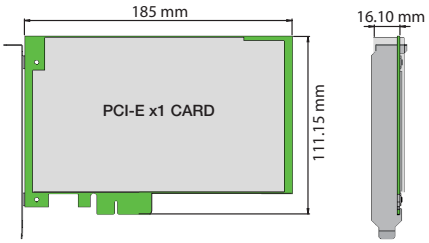
Dimensions

Unit: mm [inch]



Drive Bay and Expansion Card Combination

Model	CPU TDP	Storage	PCIe Expansion	Operating Temp.	Max. PCIe Card Dimensions
EPC-T3217	6W	1 x 2.5" HDD	V	0 ~ 40 °C**	185L x 111.15W x 16.1H (mm)
	6W	1 x 2.5" SSD	V	0 ~ 40 °C**	185L x 111.15W x 16.1H (mm)
	6W	1 x mSATA	V	0 ~ 40 °C**	185L x 111.15W x 16.1H (mm)
	6W	2 x 2.5" HDD	X	0 ~ 40 °C	none
	6W	2 x 2.5" SSD	X	0 ~ 45 °C	none
	6W	1 x 3.5" HDD	X	0 ~ 40 °C	none



* V=Yes, X= No

** Base on card's max thermal spec of 50 °C

Ordering Information

Model Name	Part Number	CPU	Memory/HDD	9~36V in	Adaptor	Certification
EPC-T3217	EPC-T3217DW-06Y0E	N4200	X	V	X	CE/FCC

Power Adapter

Part Number	Connector	Watts	Input	Output	Safety
96PSA-A120W12P4	4P Terminal block	120W	AC 100 ~ 240 V	12 V, 10A	CE/FCC/CCC/UL/CB/KC/PSE/GS/GOST R
96PSA-A84W12P4	4P Terminal block	84W	AC 100~240V	12V, 7A	CE/FCC/CCC/UL/CB/KC/PSE/GS/PSE/BIS
96PSA-A60W12V1-1	2.5Ø	60W	AC 100~240V	12V, 5A	CE/FCC/CCC/UL/CB/KC/PSE/GS/PSE/BIS
96PSA-A84W12V1	2.5Ø	84W	AC 100~240V	12V, 7A	CE/FCC/CCC/UL/CB/KC/PSE/GS/PSE/BIS

Packing List

Part Number	Description	Quantity
1930001241	Screws for Hard Disk/ spare	6
1930003238	M3x5 screws for rubber foot/wall mount bracket	4
1930004828	Spare screws for hard disk bracket	2
1990012452S000	Rubber foot	4
1990021263S000 1990021264S000	Lock harness for power cord	1
2190000902	CARDBOARD-WARRANTY REV. A2	1

Optional Accessories

Part Number	Description
EPC-BRKT-RM000	EPC-T3000 series rack mounting bracket kits
AIMB-0BRK-WM02E	AIMB-T,EPC-T/B series wall mounting bracket kits
EPC-BRKT-VM000	EPC-T3000 series VESA Mounting bracket kits
1700023768-01	1x4P Phoenix to DC Jack 15cm cable
1700000596	Power cable 3-pin 183cm, China type
1702031801	Power cable 3-pin 183cm, UK type
1702002600	Power cable 3-pin 183cm, USA type
1702002605	Power cable 3-pin 183cm, Europe type