

EPC-T3285

1U thin Mini-ITX Chassis with One Expansion Slot



Features

- 1U chassis support thin mini-ITX board
- Easy device installation (e.g. mini-PCIe, mSATA...)
- One expansion slot (Full height)
- Rich I/O connectivity with additional USB, COM Ports and RF options incl. antennas
- Optional Wide power 9~36V DC input
- Supports Intel® 7th & 6th Gen Core™ i processor (LGA1151) with Intel H110 chipset



WISE-PaaS/RMM CE FCC RoHS COMPLIANT PRODUCT

Specifications

Model Name	EPC-T3285										
Order Number	Ordering Information shown as below										
Drive Bay	HDD/SSD	2.5" HDD/SSD x2, or 2.5" HDD/SSD x1, or 3.5" HDD/SSD x1									
Cooling	Fan	2 (4cm/2000rpm)									
System Spec	CPU	i7-7700/ 7700T	i7-6700/ i7-6700TE	i5-7500/ i5-7500T	i5-6500/ i5-6500TE	i3-7101/ i3-7101TE	i3-6100/ i3-6100TE	Pentium G4400	Pentium G4400TE	Celeron G3900	Celeron G3900TE
	Core Number	4/4	4/4	4/4	4/4	2/2	2/2	2	2	2	2
	Max Speed	3.6GHz/ 2.9GHz	3.4GHz/ 2.4GHz	3.4GHz/ 2.7GHz	3.2GHz/ 2.3GHz	3.9GHz/ 3.4GHz	3.7GHz/ 2.7GHz	3.3G	2.4G	2.8G	2.6G
	TDP	65W/35W	65W/35W	65W/35W	65W/35W	54W/35W	51W/35W	54W	35W	51W	35W
	Memory	Two 260-pin SO-DIMM up to 32GB DDR4 2133MHz SDRAM									
Front IO	USB	4									
	Serial	2; 2 (Optional)									
	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		2 (Mix in, Line out)									
Serial		3 (optional)									
Phoenix Connector		1 (Optional Wide power DC 9~36V input)									
DC Power Jack		1									
Expansion slot	1 (Full height; 185L x 111.15W x 16.1H mm); AIMB-285 support PCIe x4										
Environment	Operating Temperature	Depend 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

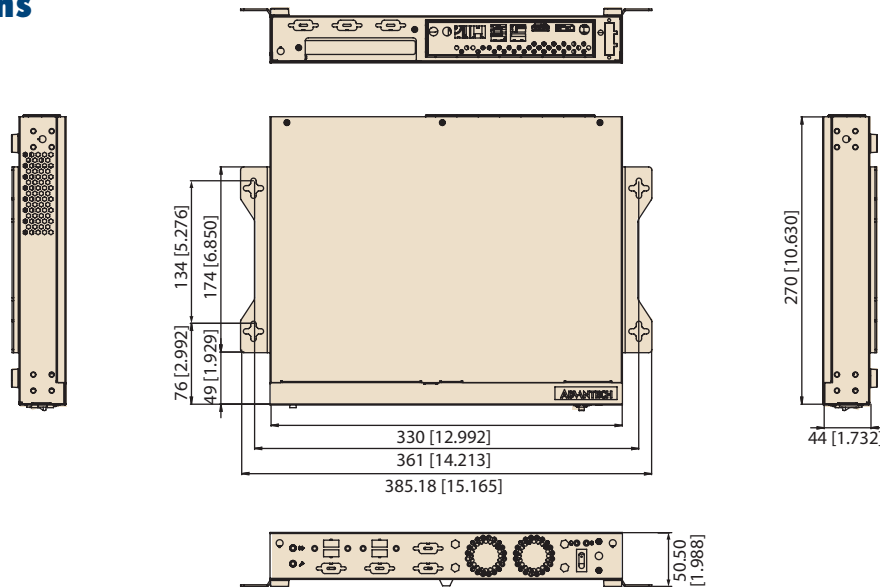


Rear View



Dimensions

Unit: mm [inch]



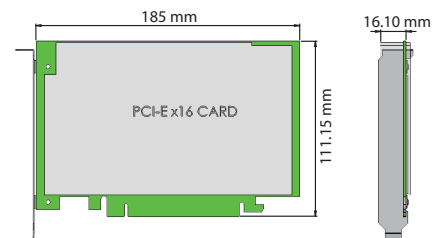
Driver bay and Expansion card combination

Model	CPU TDP	Storage	PCIe expansion	Operating temperature	Max. PCIe Card Dimension
EPC-T3285	65W	1 x 2.5" HDD	V	0 ~ 40 °C**	185L x 111.15W x 16.1H (mm)
	65W	1 x 2.5" SSD	V	0 ~ 40 °C**	185L x 111.15W x 16.1H (mm)
	65W	1 x mSATA	V	0 ~ 40 °C**	185L x 111.15W x 16.1H (mm)
	65W	2 x 2.5" HDD	X	0 ~ 45 °C	none
	65W	2 x 2.5" SSD	X	0 ~ 45 °C	none
	65W	1 x 3.5" HDD	X	0 ~ 45 °C	none
EPC-T3285	35W	1 x 2.5" HDD	V	0 ~ 40 °C**	185L x 111.15W x 16.1H (mm)
	35W	1 x 2.5" SSD	V	0 ~ 40 °C**	185L x 111.15W x 16.1H (mm)
	35W	1 x mSATA	V	0 ~ 40 °C**	185L x 111.15W x 16.1H (mm)
	35W	2 x 2.5" HDD	X	0 ~ 45 °C	none
	35W	2 x 2.5" SSD	X	0 ~ 45 °C	none
	35W	1 x 3.5" HDD	X	0 ~ 45 °C	none

** Base on Expansion card's max Thermal Spec 50 °C

Optional PCIe Card

Part Number	Description
GFX-A3T5-71FST1	HD5450 512MB PCI-E 1X DVII+HDMI+VGA FS(G)
96RC-SAS-4P-PE-AD1	ADAPTEC 6405E SAS 4PORT 6GB/S PCIEX1(G)
96NIC-1G-PE-IN	INTEL NIC 10/100/1000M PCIEx1 DESKTOP(G)
PCIE-1674E-AE	4-port PCI express GbE card
PCIE-1680-AE	2-Port CAN-Bus PCI-E card w/ Isolation



Ordering Information

Model Name	Part Number	CPU	Memory/HDD	Power Board	Adapter	Power input	Certification
EPC-T3285	EPC-T3285CA-00Y1E	Celeron G3900	X	X	X	2.5Ø	CE/FCC
	EPC-T3285A-00Y0E	i5-7500	X	X	X	2.5Ø	CE/FCC
	EPC-T3285A-15Y1E	i5-7500	X	V	X	Terminal block	CE/FCC

Power Adapter

Part Number	Watts	Input	Output	Support SKU	Safety
96PSA-A120W12P4	120W	AC 100 ~ 240 V	12 V, 10A	EPC-T3285CA-00Y1E EPC-T3285A-00Y0E	CE/FCC/CCC/UL/CB/KC/PSE/GS/GOST R
96PSA-A120W12V1	120W	AC 100-240V	12V, 10A	EPC-T3285A-15Y1E	CE/FCC/CCC/UL/CB/KC/PSE

Packing List

Part Number	Description	Quantity
1930001241	Screws for Hard Disk/ spare	6
1930003238	M3x5 Screws For Rubber Foot/Wall Mount bracket	4
1930004828	Screws for Hard Disk bracket spare	2
1990012452S000	Rubber Foot	4
1990021263S000	Lock harness for power cord	1
1990021264S000		
2190000902	CARDBOARD-WARRANTY REV. A2	1

Optional Accessories

Part Number	Description
AIMB-0BRK-RM03E	EPC-T3000 series Rack Mounting bracket kits
AIMB-0BRK-WM02E	AIMB-T,EPC-T/B series Wall Mounting bracket kits
AIMB-0BRK-VM06E	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