

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-DeviceOn CE FCC RoHS

- Note: CE (No RED certification)

Specifications

Model Name	EPC-T3285		
Order Number	EPC-T3285A-15Y1E	EPC-T3285A-00Y0E	EPC-T3285CA-00Y1E
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/20000rpm)		
System Spec	CPU	i5-7500T	Celeron G3900
	Core Number	4	2
	Max Speed	3.3GHz	2.8G
	TDP	35W	51W
	Memory	Two 260-pin SO-DIMM up to 16GB DDR4 2133MHz SDRAM	
Front IO	USB	4	
	Serial	2	
	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 (USB3.0)	2	
	Audio	2 (Mix in, Line out)	
	Phoenix Connector (9~36V DC in)	0	0
	DC Power Jack (12V DC in)	0	1
Environment	Expansion slot (FC, x4)	1 (Full height; 185L x 111.15W x 16.1H mm)	
	Operating Temperature	Depend on different HDD/SSD/ PCIe expansion card combination	
	Non-operation 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)	
Physical Characteristics	Certification	CE/FCC	
	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

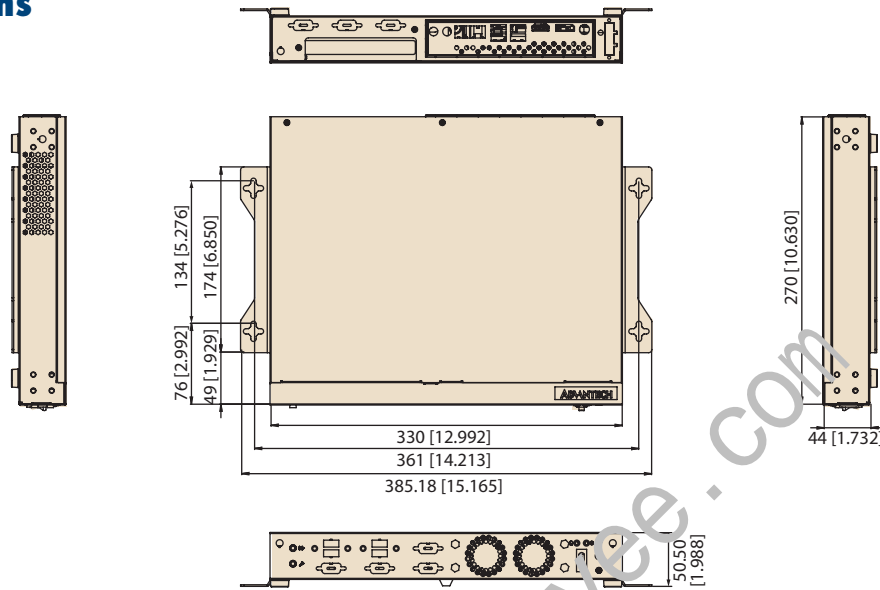


Rear View



Dimensions

Unit: mm [inch]



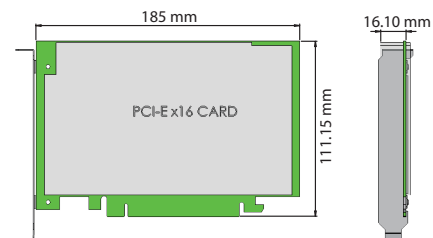
Driver bay and Expansion card combination

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)
PCI-E-1674E-AE	4-port PCI express GbE card
PCI-E-1680-AE	2-Port CAN-Bus PCI-E card w/ Isolation



Ordering Information

Model Name	Part Number	CPU	Memory/HDD	9-36V	Adapter	Power input	Certification
EPC-T3285	EPC-T3285CA-00Y1E	Celeron G3900	X	X	X	2.5Ø	CE/FCC
	EPC-T32855A-00Y0E	i5-7500T	X	X	X	2.5Ø	CE/FCC
	EPC-T32855A-15Y1E	i5-7500T	X	V	X	Terminal block	CE/FCC

Power Adapter

Part Number	Watts	Input	Output	Support SKU	Safety
96PSA-A120W12V1	120W	AC 100 ~ 240 V	12 V, 10A	EPC-T3285CA-00Y1E EPC-T32855A-00Y0E	CE/FCC/CCC/UL/CB/KC/PSE/GS/GOST R
96PSA-A120W12P4	120W	AC 100-240V	12V, 10A	EPC-T32855A-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
EPC-BRKT-RM000	EPC-T3000 series Rack Mounting bracket kits
AIMB-0BRK-WM02E	AIMB-T.EPC-T/B series Wall 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
1700000237-01	Power cable 3-pin 183cm, JP type