EPC-T2285 Series System

Thin barebone system with desktop low profile Mini-ITX motherboard



Features

- Thin design with 44.2mm in height
- Thin barebone with multi-IO ports is suitable for variety of application environments with DC-in design
- Easy/ quick installation for additional peripherals
- One 2.5" shock-resistant drive bay
- Support Wall/VESA/Din Rail/Rack mounting Kit
- Lock type DC power jack

Specifications

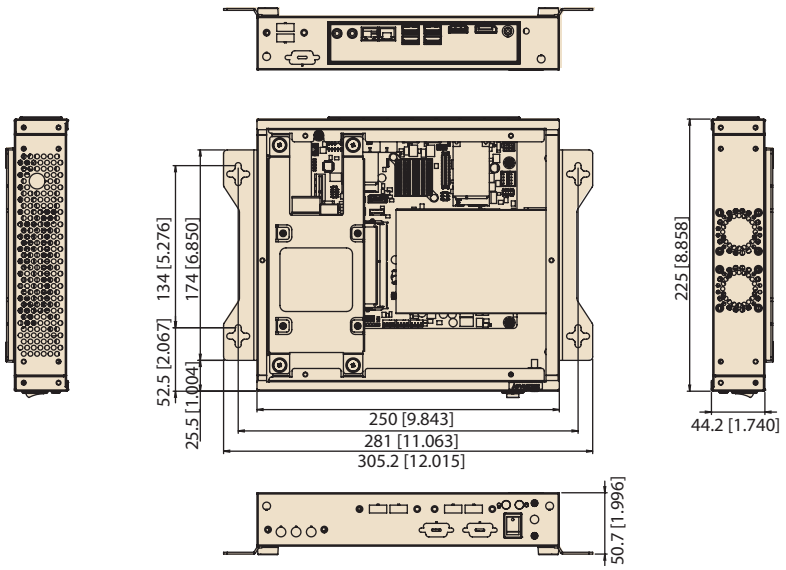
Model Name		EPC-T2285CA-00Y1E	EPC-T22855A-00Y0E
Barebone system	Description	Fan-base barebone, w/ CPU, w/o HDD, SSD, Memory, Adapter	
Processor System	Compatible Motherboard	AIMB-285G2-00A1E	
	Thermal solution	2x chassis fan (4cm/23.8CFM each)	
	CPU	Intel® Celeron® G3900 Processor, 2C GT1 2M 2.8 GHz, 51W	Intel® Core™ i5-6500TE Processor, 4C GT2 6M 2.3/3.3 GHz, 35W
	BIOS	AMI EFI 128 Mbit, SPI	
Memory	Socket	2 x 260 PIN DDR4 SO-DIMM (Non-ECC)	
	Technology	Dual Channel DDR4 2133 MHz SDRAM	
	Max. Capacity	32GB (up to 16GB per SO-DIMM)	
Graphics	Chipset integrated	Intel® HD Graphics, Supports OpenGL 5.x, DirectX12, OpenCL 2.X	
Storage	2.5" HDD bay	1 (support 2.5" HDD/SSD, max 9.5 mm height)	
	mSATA Slot	1 (Full-size)	
Ethernet	Interface	10/100/1000 Mbps	
	Controller	LAN1: Realtek RTL8111G LAN2: Realtek RTL8111G	
	Connector	2 (RJ-45)	
Audio	Chipset	Realtek ALC892, High Definition Audio(HD)	
Internal expansion Slot	Mini-PCIe	1 F/S miniPCIe slot support mSATA; 1 H/S miniPCIe slot with SIM card holder	
Front Panel	USB	4 (USB2.0)	
	COM	2 (1x RS-232, 1 x RS-232/422/485 with 5V/12V)	
	Audio Jack	2 (Line-Out, Mic-In)	
	Antenna (optional)	up to 2	
Rear Panel	DP++	1	
	DP/HDMI	1 (HDMI 1.4)	
	Lan	2 (RJ-45)	
	USB	4 (USB3.0)	
	Audio Jack	2 (Line-Out, Mic-in)	
	Power Input	1 (DC Jack)	
	Antenna (optional)	up to 2	
Miscellaneous	LED Indicators	2 (Power LED, HDD LED)	
	Control	1 (Power Switch); 1 (Reset Switch)	
Power Requirements	Voltage Power	12V DC-in	
	Consumption	65.16W (idle with Inte Celeron® G3900 Processor)	
Environment	Operating Temperature	- 0 ~ 45 °C, with 65W CPU and HDD - 0 ~ 50 °C, with 65W CPU and SSD (-20 ~ 70 °C)	
	Non-operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)	
	Humidity	10 ~ 85% @ 40 °C, non-condensing	
	Vibration (5 ~5 00Hz)	1 Grms (HDD x 1); 3 Grms (SSD x 1)	
Dimensions (W x H x D)		250 x 44.2 x 225 mm (9.84" x 1.74" x 8.85")	
Weight	Weight	3.23 kg	

All product specifications are subject to change without notice.

Last updated: 22-Dec-2017

Dimensions

Unit: mm [inch]



Front View



Rear View



With AIMB-285

Ordering Information

Parts Number	Description	Supported MB	CPU	Front Panel			Rear Panel								Regulations
				USB 2.0/3.0	COM	Audio Jack	DP/ DP++	DP/ HDMI	DVI	VGA	LAN	COM	USB 2.0/3.0	Audio	
EPC-T2285CA-00Y1E	EPC-T2285 barebone, w/ CPU Cel-G3900, w/o ADP, RAM, HDD/SSD	AIMB-285G2-00A1E	Celeron G3900	(4/0)	(2)	(2)	(1)	(1)	(0)	(0)	(2)	(0)	(0/4)	(2)	CE, FCC, CCC
EPC-T22853A-00Y1E	EPC-T2285 barebone,w/ CPU I3-6100, w/o ADP, RAM, HDD/SSD	AIMB-285G2-00A1E	Core i3-6100	(4/0)	(2)	(2)	(1)	(1)	(0)	(0)	(2)	(0)	(0/4)	(2)	CE, FCC, CCC
EPC-T22855A-00Y0E	EPC-T2285 barebone, w/ CPU I5-6500TE, w/o ADP, RAM, HDD/SSD	AIMB-285G2-00A1E	Core i5-6500TE	(4/0)	(2)	(2)	(1)	(1)	(0)	(0)	(2)	(0)	(0/4)	(2)	CE, FCC, CCC
EPC-T22857A-00Y1E	EPC-T2285 barebone, w/ CPU I7-6700 w/o ADP, RAM, HDD/SSD	AIMB-285G2-00A1E	Core i7-6700	(4/0)	(2)	(2)	(1)	(1)	(0)	(0)	(2)	(0)	(0/4)	(2)	CE, FCC, CCC

Packing List

Part Number	Description	Quantity
1990012452S000	Bottom rubber foot	4
1930003238	Screws for bottom rubber foot	4
1930001241	Screws for Hard Disk/ spare	6
1930004828	Screws for Hard Disk bracket spare	2
1990021263S000 1990021264S000	Lock harness for power cord	1
1994000040	LVDS Snap wire bushing	1
2190000902	Warranty card	1

Optional Accessories

Part Number	Description
AIMB-0BRK-WM02E	Wall mounting kit
AIMB-0BRK-VM04E	VESA mounting kit
AIMB-0BRK-RM02E	Rack mounting kit
1700024790-01	A Cable USB-A 4P(F)*2/2*5P-2.0 20CM F/10
1700024629-01	1 port COM cable for rear panel, 250mm
1700024598-01	HDD cable, 200mm
1700027140-01	VGA cable for EPC-T2285
96PSA-A120W12V1	ADP A/D 100-240V 120W 12V C14 DC Plug 180°
96PSA-A84W12V1	Adapter DC 12V, 7.0A/ 84W, AC 100-240V_{AC}/1.3A 50-60Hz
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)
1700000596	Power cord, 3-pin power cord (CCC)

** If using the 51W CPU, please to use 120W power adapter.