

EPC-T1000 Barebone System Series

Thin barebone system with embedded low profile Mini-ITX motherboard

NEW



CE FCC RoHS

Features

- Thin design with 43mm in height
- Thin barebone with multi-I/O 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-T1215	EPC-T1225	EPC-T1231	
Ordering Parts Number		AIMB-T1215DA-00Y0E	AIMB-T12250A-00Y0E	AIMB-T12315A-00Y0E	AIMB-T12313A-00Y0E
Barebone system	Description	Fan-base barebone, w/ adapter, w/o HDD, memory	Fan-base barebone, w/ adapter, w/o HDD, memory	Fan-base barebone, w/ adapter, w/o HDD, memory	Fan-base barebone, w/ adapter, w/o HDD, memory
Processor System	Compatible Motherboard	AIMB-215D-S6B1E	AIMB-225G2-00A1E	AIMB-231G2-U5A1E	AIMB-231G2-U3A1E
	Thermal solution	1x chassis fan (4cm/23.8CFM each)	1x chassis fan (4cm/23.8CFM each)	1x chassis fan (4cm/23.8CFM each)	1x chassis fan (4cm/23.8CFM each)
	CPU	Intel® Bay Trail Quad core Celeron™ J1900 (on board)	AMD G-series Quad Core GX-424CC (on board)	Intel Core i5-5350U (on board)	Intel Core i3-5010U (on board)
	BIOS	AMI 16 Mbit SPI	AMI 16 Mbit SPI	AMI 128 Mbit SPI	AMI 128 Mbit SPI
Memory	Socket	2 x 204 PIN DDR3 SODIMM (Non-ECC)	2 x 204 PIN DDR3 SODIMM (Non-ECC)	2 x 204 PIN DDR3 SODIMM (Non-ECC)	2 x 204 PIN DDR3 SODIMM (Non-ECC)
	Technology	DDR3L 1066/1333 MHz SDRAM	DDR3L 1333/1866 MHz SDRAM	DDR3L 1600 MHz SDRAM	DDR3L 1600 MHz SDRAM
	Max. Capacity	8 GB/up to 4 GB per SODIMM	16 GB/up to 8 GB per SODIMM	16 GB/up to 8 GB per SODIMM	16 GB/up to 8 GB per SODIMM
Graphics	Chipset integrated	Integrated Intel HD Graphics	AMD Radeon™ HD 8000 series Graphics	Intel® HD Graphics 6000	Intel® HD Graphics 6000
Storage	2.5" HDD bay	1 (support 2.5" HDD/SSD, max 9.5 mm height)	1 (support 2.5" HDD/SSD, max 9.5 mm height)	1 (support 2.5" HDD/SSD, max 9.5 mm height)	1 (support 2.5" HDD/SSD, max 9.5 mm height)
	Cfast Socket	0	0	0	0
	mSATA Slot	1 (share w/ full size Mini-PCIe slot)	1 (share w/ full size Mini-PCIe slot)	1 (share w/ full size Mini-PCIe slot)	1 (share w/ full size Mini-PCIe slot)
Ethernet	Interface	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps
	Controller	LAN1: Realtek RTL8111E LAN2: Realtek RTL8111E	LAN1: Realtek RTL8111G LAN2: Realtek RTL8111G	LAN1: Intel PHY i218-LM LAN2: Intel i210	LAN1: Intel PHY i218-LM LAN2: Intel i210
	Connector	2 (RJ-45)	2 (RJ-45)	2 (RJ-45)	2 (RJ-45)
Audio	Chipset	Realtek ALC892, High Definition Audio(HD)	Realtek ALC892, High Definition Audio(HD)	Realtek ALC892, High Definition Audio(HD)	Realtek ALC892, High Definition Audio(HD)
Internal expansion Slot	Mini-PCIe	1+1 (Full-size, Half-size)	1+1 (Full-size, Half-size)	1+1 (Full-size, Half-size)	1+1 (Full-size, Half-size)
Front Panel	USB	4 (USB2.0)	4 (USB2.0)	2 (USB2.0)	2 (USB2.0)
	COM	5 (RS-232)	5 (4 x RS-232, 1 x RS-232/422/485)	2 (1 x RS-232, 1 x RS-232/422/485)	2 (1 x RS-232, 1 x RS-232/422/485)
	Audio Jack	2 (Line-Out, Mic-In)	2 (Line-Out, Mic-In)	2 (Line-Out, Mic-In)	2 (Line-Out, Mic-In)
	Antenna (optional)	up to 2	up to 2	up to 2	up to 2
Rear Panel	DP++	1	1	1	1
	DP/HDMI	0	0	1	1
	VGA	1	0	0	0
	DVI	0	1 (DVI-I)	0	0
	Lan	2 (RJ-45)	2 (RJ-45)	2 (RJ-45)	2 (RJ-45)
	USB	1 (USB3.0); 3 (USB2.0)	2 (USB3.0); 2 (USB2.0)	4 (USB3.0)	4 (USB3.0)
	Audio Jack	1 (Line-Out)	1 (Line-Out)	2 (Line-Out, Mic-in)	2 (Line-Out, Mic-in)
	Power Input	1 (DC Jack)	1 (DC Jack)	1 (DC Jack)	1 (DC Jack)
	COM	1 (RS-232)	0	0	0
	Antenna (optional)	up to 2	up to 2	up to 2	up to 2
Miscellaneous	LED Indicators	2 (Power LED, HDD LED)	2 (Power LED, HDD LED)	2 (Power LED, HDD LED)	2 (Power LED, HDD LED)
	Control	1 (Power Switch); 1 (Reset Switch)	1 (Power Switch); 1 (Reset Switch)	1 (Power Switch); 1 (Reset Switch)	1 (Power Switch); 1 (Reset Switch)
Power Requirements	Voltage	12V DC-in	12V DC-in	12V DC-in	12V DC-in
	Power Consumption	14.27W (idle with Intel Celeron J1900)	14.47W (idle with AMD G-series GX-424CC)	14.4W (idle with Intel ULTI i5 Processor)	14.28W (idle with Intel ULTI i3 Processor)
Environment	Operating Temperature	0 ~ 50° C (32 ~ 122° F)	0 ~ 50° C (32 ~ 122° F)	0 ~ 50° C (32 ~ 122° F)	0 ~ 50° C (32 ~ 122° F)
	Non-operating Temperature	-20 ~ 60° C (-4 ~ 140° F)	-20 ~ 60° C (-4 ~ 140° F)	-20 ~ 60° C (-4 ~ 140° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10~85% @ 40°C, non-condensing	10~85% @ 40°C, non-condensing	10~85% @ 40°C, non-condensing	10~85% @ 40°C, non-condensing
	Vibration (5 ~ 500Hz)	1 Grms (HDD x 1); 3 Grms (SSD x 1)	1 Grms (HDD x 1); 3 Grms (SSD x 1)	1 Grms (HDD x 1); 3 Grms (SSD x 1)	1 Grms (HDD x 1); 3 Grms (SSD x 1)
Dimensions (W x H x D)	Dimensions (W x H x D)	250 x 43 x 210 mm (9.84" x 1.69" x 8.27")	250 x 43 x 210 mm (9.84" x 1.69" x 8.27")	250 x 43 x 210 mm (9.84" x 1.69" x 8.27")	250 x 43 x 210 mm (9.84" x 1.69" x 8.27")
Weight	Weight	3.1kg	3.1kg	3.1kg	3.1kg

EPC-T1000 Barebone System Series

Specifications

Model Name		EPC-T1215		EPC-T1225	
Ordering Parts Number		AIMB-T1215DW-00Y0E		AIMB-T12251W-00Y0E	
Barebone BOM system	Description	Fanless barebone, w/ adapter, w/o HDD, memory		Fanless barebone, w/ adapter, w/o HDD, memory	
Processor System	Compatible Motherboard	AIMB-215D-S6B1E		AIMB-225G2-01A1E	
	Thermal solution	Fanless (0.7 m/s air flow)		Fanless (0.7 m/s air flow)	
	CPU	Intel® Bay Trail Quad core Celeron™ J1900 (on board)		AMD G-series Quad Core GX-412CC (on board)	
	BIOS	AMI 16 Mbit SPI		AMI 16 Mbit SPI	
Memory	Socket	2 x 204 PIN DDR3 SODIMM (Non-ECC)		2 x 204 PIN DDR3 SODIMM (Non-ECC)	
	Technology	DDR3L 1066/1333 MHz SDRAM		DDR3L 1333/1866 MHz SDRAM	
	Max. Capacity	8 GB/up to 4 GB per SODIMM		16 GB/up to 8 GB per SODIMM	
Graphics	Chipset integrated	Integrated Intel HD Graphics		AMD Radeon™ HD 8000 series Graphics	
Storage	2.5" HDD bay	1 (Only support 2.5" SSD, max 9.5 mm height)		1 (Only support 2.5" SSD, max 9.5 mm height)	
	Cfast Socket	0		0	
	mSATA Slot	1 (share w/ full size Mini-PCle slot)		1 (share w/ full size Mini-PCle slot)	
Ethernet	Interface	10/100/1000 Mbps		10/100/1000 Mbps	
	Controller	LAN1: Realtek RTL8111E LAN2: Realtek RTL8111E		LAN1: Realtek RTL8111G LAN2: Realtek RTL8111G	
	Connector	2 (RJ-45)		2 (RJ-45)	
Audio	Chipset	Realtek ALC892, High Definition Audio(HD)		Realtek ALC892, High Definition Audio(HD)	
Internal expansion Slot	Mini-PCle	1+1 (Full-size, Half-size)		1+1 (Full-size, Half-size)	
Front Panel	USB	4 (USB2.0)		4 (USB2.0)	
	COM	5 (RS-232)		5 (4 x RS-232, 1 x RS-232/422/485)	
	Audio Jack	2 (Line-Out, Mic-In)		2 (Line-Out, Mic-In)	
	Antenna (optional)	up to 2		up to 2	
Rear Panel	DP++	1		1	
	DP/HDMI	0		0	
	VGA	1		0	
	DVI	0		1 (DVI-I)	
	Lan	2 (RJ-45)		2 (RJ-45)	
	USB	1 (USB3.0); 3 (USB2.0)		2 (USB3.0); 2 (USB2.0)	
	Audio Jack	1 (Line-Out)		1 (Line-Out)	
	Power Input	1 (DC Jack)		1 (DC Jack)	
	COM	1 (RS-232)		0	
	Antenna (optional)	up to 2		up to 2	
Miscellaneous	LED Indicators	2 (Power LED, HDD LED)		2 (Power LED, HDD LED)	
	Control	1 (Power Switch); 1 (Reset Switch)		1 (Power Switch); 1 (Reset Switch)	
Power Requirements	Voltage	12V DC-in		12V DC-in	
	Power Consumption	10.17W (idle with Intel Celeron J1900)		9.07W (idle with AMD G-series GX-412HC)	
Environment	Operating Temperature	0 ~ 40° C (32 ~ 104° F) **		0 ~ 40° C (32 ~ 104° F) **	
	Non-operating Temperature	-20 ~ 60° C (-4 ~ 140° F)		-20 ~ 60° C (-4 ~ 140° F)	
	Humidity	10~85% @ 40°C, non-condensing		10~85% @ 40°C, non-condensing	
	Vibration (5 ~5 00Hz)	1 Grms (HDD x 1); 3 Grms (SSD x 1)		1 Grms (HDD x 1); 3 Grms (SSD x 1)	
Dimensions (W x H x D)	Dimensions (W x H x D)	250 x 43 x 210 mm (9.84" x 1.69" x 8.27")		250 x 43 x 210 mm (9.84" x 1.69" x 8.27")	
Weight	Weight	3.12 kg		3.12 kg	

** : with extended temperature HDD or SSD/mSATA with 0.7 m/s air flow.

EPC-T1000 Barebone System Series

Front View



With AIMB-215D



With AIMB-225



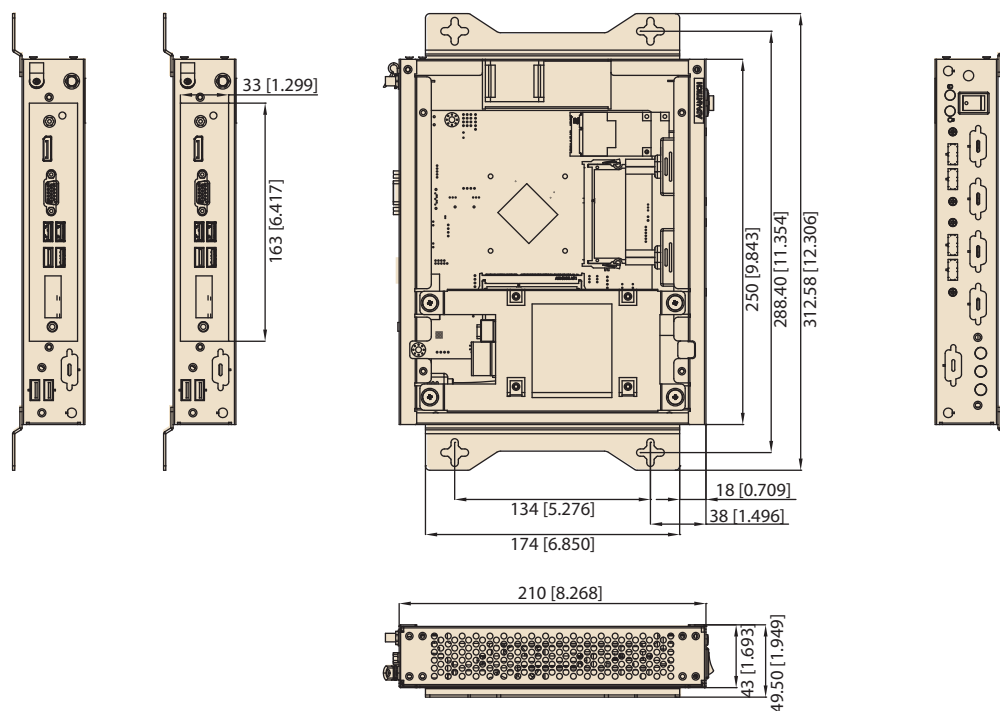
With AIMB-231

Rear View



Dimensions

Unit: mm [inch]



EPC-T1000 Barebone System Series

Ordering Information

Model Name	Parts Number	Description	Supported MB	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-T1215	AIMB-T1215DA-00Y0E	AIMB-T1215 barebone with 60W power adaptor	AIMB-215D-S6B1E	(4/0)	(5)	(2)	(1)	(0)	(0)	(1)	(2)	(1)	(3/1)	(1)	CE, FCC
	AIMB-T1215DW-00Y0E	AIMB-T1215 fanless barebone with 60W power adaptor	AIMB-215D-S6B1E	(4/0)	(5)	(2)	(1)	(0)	(0)	(1)	(2)	(1)	(3/1)	(1)	CE, FCC
EPC-T1225	AIMB-T1225DA-00Y0E	AIMB-T1225 barebone with 60W power adaptor	AIMB-225G2-00A1E	(4/0)	(5)	(2)	(1)	(0)	(1)	(0)	(2)	(0)	(2/2)	(1)	CE, FCC
	AIMB-T12251W-00Y0E	AIMB-T1225 fanless barebone with 60W power adaptor	AIMB-225G2-01A1E	(4/0)	(5)	(2)	(1)	(0)	(1)	(0)	(2)	(0)	(2/2)	(1)	CE, FCC
EPC-T1231	AIMB-T12315A-00Y0E	AIMB-T1231 barebone with 60W power adaptor	AIMB-231G2-U5A1E	(2/0)	(2)	(2)	(1)	(1)	(0)	(0)	(2)	(0)	(0/4)	(2)	CE, FCC
	AIMB-T12313A-00Y0E	AIMB-T1231 barebone with 60W power adaptor	AIMB-231G2-U3A1E	(2/0)	(2)	(2)	(1)	(1)	(0)	(0)	(2)	(0)	(0/4)	(2)	CE, FCC

Packing List

Description	Quantity
Warranty Card	1
SATA Data+Power Cable	1
Power cable clamp	1
Rubber Feet Pad	4
Screw (For HDD)	6
Reserved Screw	2
Adapter	Base on P/N

Optional Accessories

Part Number	Description
AIMB-0BRK-WM02E	Wall Mounting Bracket
AIMB-0BRK-VM03E	VESA Mounting Bracket
AIMB-0BRK-DR02E	Din Rail Mounting Bracket
AIMB-0BRK-RM01E	Rack mount bracket
1700023474-01	2 ports USB cable for front panel, 345mm
1700022991-01	2 ports USB cable for rear panel, 100mm
1700022988-01	4 ports COM Cable for front panel, 130+170+210+250mm
1700022990-01	1 prot COM Cable for rear panel, 150mm
1700022992-01	2 ports Audio Cable for front panel, 200mm
96PSA-A60W12V1-1	60W Power Adapter, DC 12V/ 5.0A, AC 100-240VAC/ 1.5A 50-60Hz
96PSA-A84W12V1	84W Power Adapter, DC 12V/ 7.0A, AC 100-240VAC/ 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)