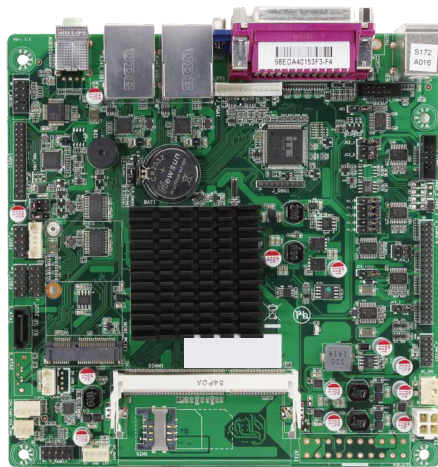


AMB-BT19T2

Intel Bay Trail SoC, 1 x VGA, 1 x HDMI, 1 x LVDS, 2 x GbE, 6 x COM, 9 x USB 2.0, 1 x mini PCIe, 1 x SATA II, 1 x mSATA



Features

- Intel Bay Trail SoC, low power consumption.
- 1 x DDR3L-1333MHz, SO-DIMM, up to 8GB
- 9 x USB 2.0
- 4 x RS232, 1 x RS232/485, 1 x RS232/TTL
- 2 x GbE LAN, 1 x mini PCIe, 1 x SIM slot
- 1 x SATAII, 1 x mSATA
- 12V Input
- Fanless design



CE FC

Specification

Specification

CPU	1. Intel® Celeron® J1800, Dual-Core, 1M Cache, 2GHz (2.41GHz), 10W(AMB-BT18T2)
	2. Intel® Celeron® J1900, Quad Core, 2M Cache, 2GHz (2.41GHz), 10W(AMB-BT19T2)
	3. Intel® Atom™ E3815, Single Core, 0.5M Cache, 1.46GHz, 5W (AMB-BT15T2)
	4. Intel® Atom™ E3845, Quad Core, 2M Cache, 1.91GHz, 10W (AMB-BT45T2)
Chipset	Intel Bay Trail SoC
Memory	1 x DDR3L-1333MHz, SO-DIMM, up to 8GB
BIOS	AMI UEFI BIOS
Real Time Clock	1 x System RTC

Video

Graphic Controller	Intel® HD Graphics
Video Interface	<ul style="list-style-type: none"> • 1 x VGA, resolution up to 2560x1600 @ 60Hz • 1 x HDMI, resolution up to 1920x1080 @ 60Hz • 1 x LVDS (24 Bit Dual channel LVDS, resolution up to 1920x1200 @ 60Hz)

Storage

SATA	1 x SATA II Port + 1 x mSATA
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I/O

Ethernet	2 x GbE LAN
Expansion Slot	1 x mini PCIe
Ethernet Chip	2 x Realtek GbE LAN Chip (8105E/8111E)
Serial Port	4 x RS232 + 1 x RS232/RS485 + 1 x RS232/TTL
Parallel Port	1 x Parallel Port
USB	9 x USB2.0 (4XReal I/O + 5 x Pin Header.)
Audio	Realtek ALC662 5.1-channel High Definition Audio 1 x Line-out, 1 x MIC-in
GPIO	8 x GPIO
Keyboard	1 x PS/2 connector for Key Board/Mouse
SIM	1 x SIM slot

Power Requirement

Power Input	2 x 4-Pin AT power connector
Power Output	DC 12V/5V power output Connector, System Fan & CPU Fan connector

Software

OS Support	Window 7 (32bit/64bit), windows 8.1(32bit/64 bit)
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Mechanical & Environment

Dimension	170mm x 170mm (6.69" x 6.69")
Operating Temp.	0~60°C
Storage Temp.	-20~75°C
Safety	RoHS

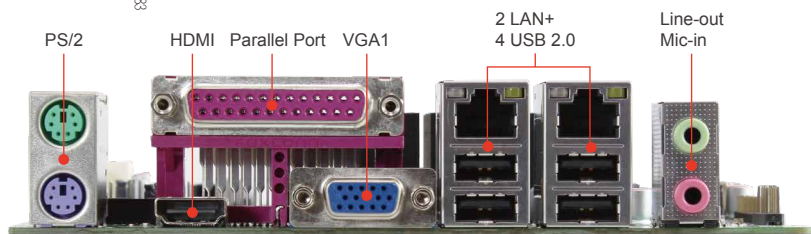
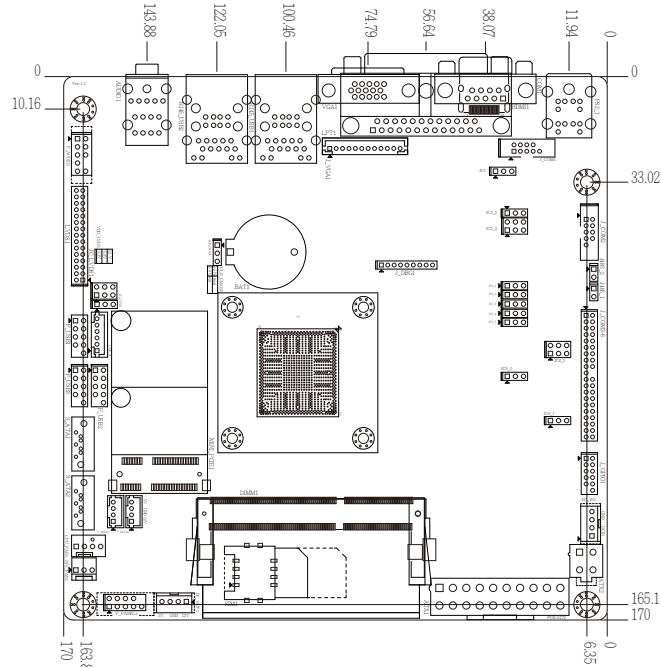
Packing List

- AMB-BT18T2
- Quick User Guide
- Driver CD
- SATA Cable
- SATA Power Cable
- 3 x COM Cable
- VGA Cable

Ordering Information

AMB-BT18T2	Intel Celeron J1800, Dual Core, 1M cache, 2GHz (2.41GHz), 1 x VGA, 1 x HDMI, 1 x LVDS, 2 x GbE, 6 x COM, 9 x USB2.0, 1 x mini PCIe, 1 x SATA, 1 x mSATA
AMB-BT19T2	Intel Celeron J1900, Quad Core, 2M cache, 2GHz (2.41GHz), 1 x VGA, 1 x HDMI, 1 x LVDS, 2 x GbE, 6 x COM, 9 x USB2.0, 1 x mini PCIe, 1 x SATA, 1 x mSATA
AMB-BT15T2	Intel Atom E3815, Single Core, 0.5M cache, 1.46GHz, 1 x VGA, 1 x HDMI, 1 x LVDS, 2 x GbE, 6 x COM, 9 x USB2.0, 1 x mini PCIe, 1 x SATA, 1 x mSATA
AMB-BT45T2	Intel Atom E3845, Quad Core, 2M cache, 1.91GHz, 1 x VGA, 1 x HDMI, 1 x LVDS, 2 x GbE, 6 x COM, 9 x USB2.0, 1 x mini PCIe, 1 x SATA, 1 x mSATA

Dimension



I/O Connectors

