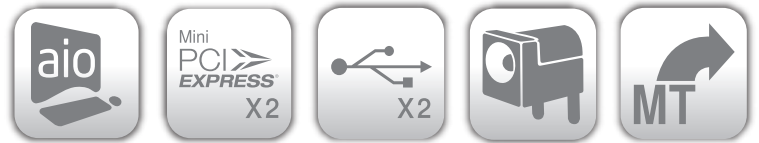
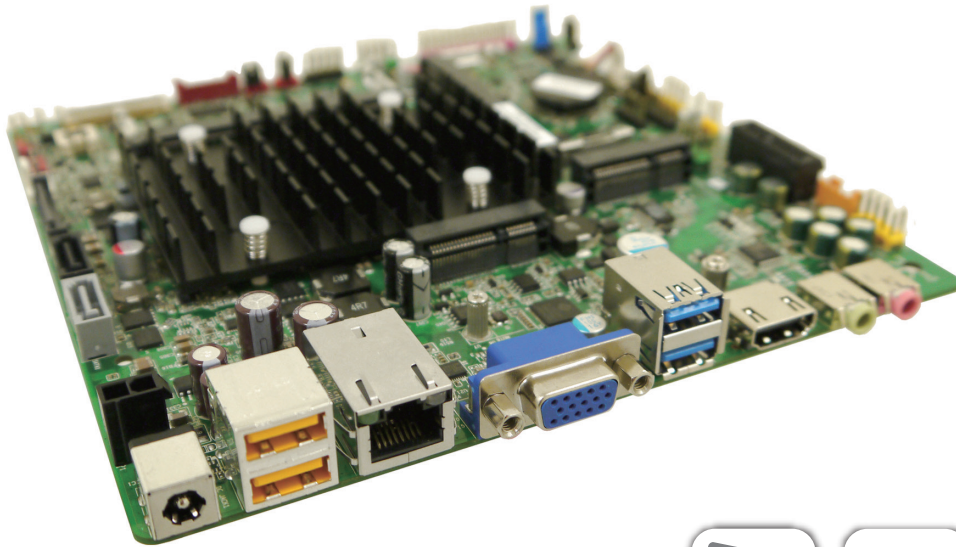


ThinMini-ITX Form Factor
Intel Bay Trail

PD10BI MT



Features

Support Intel Bay Trail Dual core/Quad core processor

Intel HD graphics and DirectX 11 support

Dual channel DDR3L with two connectors for
MAX. 8GB memory

Dual independent display from HDMI*, VGA, and
Embedded Display-Port* / LVDS connectivity

Features high speed Gigabit Ethernet connection

Features 2 SATA 3Gb/s

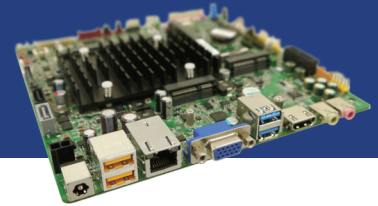
Two Hi-Speed USB3.0 ports support

Five USB2.0 ports support

One PCIe connector for the future Add-in card

Two PCI Express Mini Card connector for expansion card

8 V to 19 V wide-range voltage input via back-panel
DC jack or internal power connector



Item	Spec	
Form Factor	Low-profile Mini-ITX (20 millimeters [0.79 inches] x 170.18 millimeters [6.7 inches] x 170.18 millimeters [6.7 inches])	
Processor Chipset	Fanlessly-cooled, soldered-down dual-core/quad-core Intel Bay Trail Processor with integrated graphics and memory controller	
Main Memory	<ul style="list-style-type: none"> Support for dual channel DDR3L 1066/1333 SO-DIMMs Support for up to 8 GB of system memory on a single SO-DIMM (or 4 GB each by 2 SO-DIMM) 	2
Graphics	<ul style="list-style-type: none"> Integrated graphics: <ul style="list-style-type: none"> Digital displays (High Definition Multimedia Interface(HDMI)) Analog displays (VGA) Internal flat panel displays: <ul style="list-style-type: none"> LVDS Embedded DisplayPort* eDP* External graphics support via a PCI Express 1.0a x1 graphics add-in card connector 	
Audio	<ul style="list-style-type: none"> 2 + 2 Channel High Definition Audio (HD Audio) using a Realtek* ALC888S audio codec supporting: <ul style="list-style-type: none"> Analog stereo line-out (back panel jack) In-chassis stereo speakers support (3 W/3 Ω via an internal header) S/PDIF digital audio output (internal header) DMIC digital microphone input (internal header) Analog line-in (back panel jack) Front panel HD Audio/AC'97 headphones/mic support (internal header) 8-channel (7.1) HD Audio via the HDMI interface 	
Expansion Capability	<ul style="list-style-type: none"> PCI Express 1.0a x1 add-in card connector Option: PCI Express 1.0a x4 add-in card connector by 2 lanes PCI Express Full-/Half-Mini Card slot PCI Express Half-Mini Card slot 	1 1 1
Peripheral Interfaces	<ul style="list-style-type: none"> USB 2.0 front panel ports USB 3.0 back panel connectors (blue) USB 2.0 high-current/fast-charging ports (Yellow) SATA 3.0 Gb/s SATA 3.0 Gb/s port (multiplexed with an mSATA port, routed to the PCI Express Full-/Half-Mini Card slot) 	5 2 2 2 1
Legacy I/O	<ul style="list-style-type: none"> Legacy I/O Controller (NCT6683D) that provides: <ul style="list-style-type: none"> Hardware management support Serial ports onboard headers Parallel port via an onboard header 	2 1
LAN Support	Realtek RTL8111G-CG Gigabit (10/100/1000 Mb/s) Ethernet LAN controller including an RJ-45 back panel connector with integrated status LEDs	
BIOS	<ul style="list-style-type: none"> BIOS resident in a Serial Peripheral Interface (SPI) Flash device Support for Advanced Configuration and Power Interface (ACPI), and System Management BIOS (SMBIOS) Nuvoton NCT6683D based subsystem, including: 	
Hardware Management	<ul style="list-style-type: none"> Voltage sense to detect out of range power supply voltages Thermal sense to detect out of range thermal values 3-pin system fan header with speed control 	
Power Requirement	<ul style="list-style-type: none"> DC connectivity via back-panel DC jack (2.5mm/ ID, 5.5mm/ OD) Internal 2 pin power connector 	
Environment	<ul style="list-style-type: none"> Operating Temperature: 0 °C to +50 °C Storage Temperature: -20°C to +70°C 	
Safety	<ul style="list-style-type: none"> CE FCC UL 	