

Mini-ITX Form Factor
Intel ATOM D2550

PD14TI HN



PCI BUS

Serial Port

Features

Support Intel Atom D2550 dual core processor

Intel Graphic Media Accelerator 3600

Single channel DDR3 with two connectors
for MAX. 4GB memory

Integrated Four-channel High Definition audio

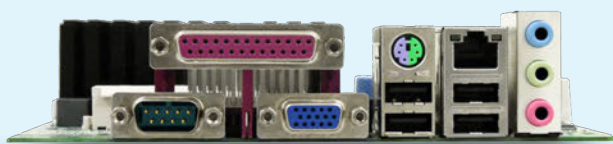
Features high speed Gigabit Ethernet
connection

Features 2 SATA 3Gb/s

Eight Hi-Speed USB2.0 ports support

Onboard parallel and serial port support for
legacy device compatibility

One PCI connector for the future Add-in card



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Item	Spec	
Form Factor	Mini-ITX (170 millimeters [6.7 inches] x170 millimeters [6.7 inches])	
Processor	Passively-cooled, soldered-down dual-core Intel® Atom™ processor with integrated graphics and memory controller	
Main Memory	<ul style="list-style-type: none"> Support for DDR3 1066/1333/1600 MHz SO-DIMMs (DDR3 1333 MHz and DDR3 1600 MHz SO-DIMMs operate at 1066 MHz only) 	
	<ul style="list-style-type: none"> Support for up to 4 GB of system memory 204-pin DDR3 SO-DIMM 	2
Chipset	Intel® NM10 Express Chipset	
Integrated Graphics	Intel® Graphics Media Accelerator 3600 (Intel® GMA 3600) integrated graphics subsystem with support for VGA displays	
External Graphics	External graphics support provided through the PCI bus connector	
Audio	RealTek* ALC662 audio codec for 5.1 (6-channel) High Definition Audio (HD Audio) and AC '97 Audio. Included are:	
	<ul style="list-style-type: none"> Back panel audio connectors Onboard S/PDIF digital audio header Front panel microphone/headphone header with support for HD Audio or AC '97 Audio 	
Legacy I/O	Legacy I/O Controller (Nuvoton* W83677HG-I) that provides:	
	Hardware management support	
	<ul style="list-style-type: none"> Serial Port (Rear IO) Serial Port (On board) Back panel parallel port PS/2 keyboard/mouse port 	1 1 1 1
	Expansion Capabilities PCI* bus add-in card connector	
Peripheral Interfaces	<ul style="list-style-type: none"> USB 2.0 back panel ports 	4
	<ul style="list-style-type: none"> USB 2.0 front panel ports 	4 (Headers)
	<ul style="list-style-type: none"> Serial ATA (SATA) 3.0 Gb/s connectors 	2
Hardware Monitor Subsystem	Hardware monitoring through the Nuvoton* W83627DH-P legacy I/O controller, including: <ul style="list-style-type: none"> Remote thermal sensor 3-pin system fan header with speed control 	
LAN Support	Intel® 82574L Gigabit (10/100/1000 Mb/s) Ethernet LAN controller	
BIOS	<ul style="list-style-type: none"> Support for Advanced Configuration and Power Interface (ACPI), Plug and Play, and SMBIOS 	
Instantly Available PC Technology	<ul style="list-style-type: none"> Support for Advanced Configuration and Power Interface (ACPI) Wake on USB, PCI, PCI Express, LAN, serial, PS/2, and front panel 	
Power Requirement	ATX12V or SFX12V	
Environment	<ul style="list-style-type: none"> Operating Temperature: 0 °C to +60 °C Storage Temperature: -20°C to +70°C 	
	Safety	<ul style="list-style-type: none"> CE FCC UL

Packing List

- PD14TI Mainboard
- IO Shield
- Quick Guide
- 50CM SATA Cable
- Driver CD