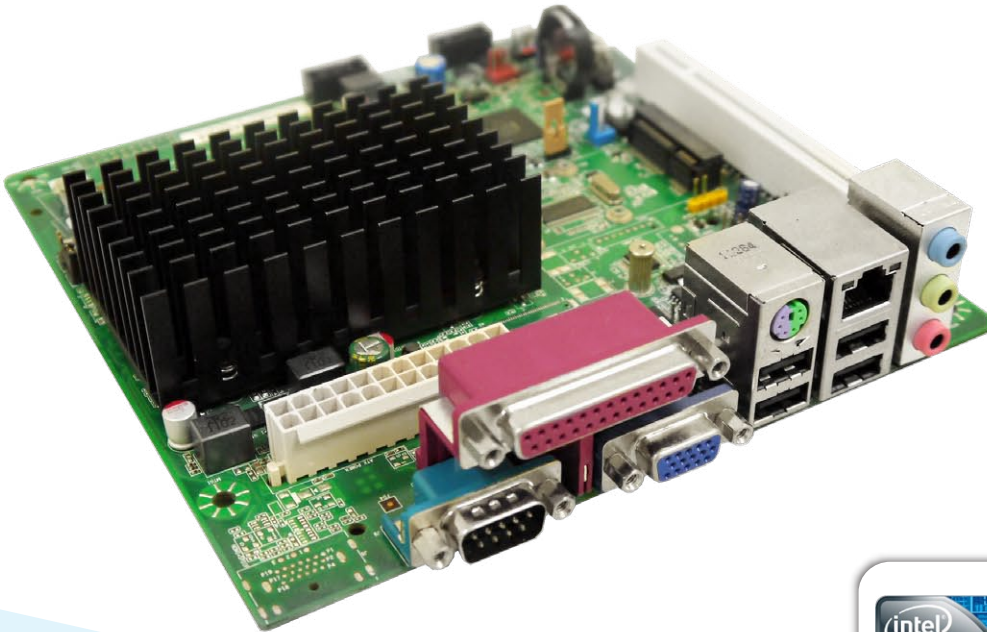




MITAC INTERNATIONAL CORP.

Mini-ITX Form Factor  
Intel ATOM D2500

# PD14TI HN



PCI BUS

Serial Port

## Features

Support Intel Atom D2500 dual core processor

Intel Graphic Media Accelerator 3600

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

Integrated Four-channel High Definition audio

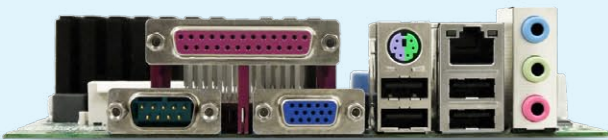
Features high speed Gigabit Ethernet  
connection

Features 2 SATA 3Gb/s

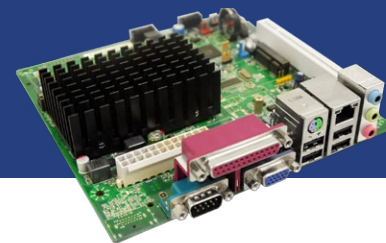
Eight Hi-Speed USB2.0 ports support

Onboard parallel and serial port support for  
legacy device compability

One PCI connectot for the future Add-in card



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Item	Spec	
<b>Form Factor</b>	Mini-ITX (170 millimeters [6.7 inches] x170 millimeters [6.7 inches])	
<b>Processor</b>	Passively-cooled, soldered-down dual-core Intel® Atom™ processor with integrated graphics and memory controller	
<b>Main Memory</b>	<ul style="list-style-type: none"> <li>Support for DDR3 1066/1333/1600 MHz SO-DIMMs (DDR3 1333 MHz and DDR3 1600 MHz SO-DIMMs operate at 1066 MHz only)</li> </ul>	
	<ul style="list-style-type: none"> <li>Support for up to 4 GB of system memory</li> </ul>	
	<ul style="list-style-type: none"> <li>204-pin DDR3 SO-DIMM</li> </ul>	2
<b>Chipset</b>	Intel® NM10 Express Chipset	
<b>Integrated Graphics</b>	Intel® Graphics Media Accelerator 3600 (Intel® GMA 3600) integrated graphics subsystem with support for VGA displays	
<b>External Graphics</b>	External graphics support provided through the PCI bus connector	
<b>Audio</b>	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"> <li>Back panel audio connectors</li> <li>Onboard S/PDIF digital audio header</li> <li>Front panel microphone/headphone header with support for HD Audio or AC '97 Audio</li> </ul>	
	Legacy I/O Controller (Nuvoton* W83677HG-I) that provides:	
<b>Legacy I/O</b>	Hardware management support	
	<ul style="list-style-type: none"> <li>Serial Port (Rear IO)</li> </ul>	1
	<ul style="list-style-type: none"> <li>Serial Port (On board)</li> </ul>	1
	<ul style="list-style-type: none"> <li>Back panel parallel port</li> </ul>	1
	<ul style="list-style-type: none"> <li>PS/2 keyboard/mouse port</li> </ul>	1
<b>Expansion Capabilities</b>	PCI* bus add-in card connector	1
<b>Peripheral Interfaces</b>	<ul style="list-style-type: none"> <li>USB 2.0 back panel ports</li> </ul>	4
	<ul style="list-style-type: none"> <li>USB 2.0 front panel ports</li> </ul>	4 (Headers)
	<ul style="list-style-type: none"> <li>Serial ATA (SATA) 3.0 Gb/s connectors</li> </ul>	2
<b>Hardware Monitor Subsystem</b>	Hardware monitoring through the Nuvoton* W83627DH-P legacy I/O controller, including:	
	<ul style="list-style-type: none"> <li>Remote thermal sensor</li> <li>3-pin system fan header with speed control</li> </ul>	
<b>LAN Support</b>	Intel® 82574L Gigabit (10/100/1000 Mb/s) Ethernet LAN controller	
<b>BIOS</b>	Support for Advanced Configuration and Power Interface (ACPI), Plug and Play, and SMBIOS	
<b>Instantly Available PC Technology</b>	Support for Advanced Configuration and Power Interface (ACPI)	
	Wake on USB, PCI, PCI Express, LAN, serial, PS/2, and front panel	
<b>Power Requirement</b>	ATX12V or SFX12V	
<b>Environment</b>	<ul style="list-style-type: none"> <li>Operating Temperature: 0 °C to +50 °C</li> <li>Storage Temperature: -20°C to +70°C</li> </ul>	
	<ul style="list-style-type: none"> <li>CE</li> </ul>	
<b>Safety</b>	<ul style="list-style-type: none"> <li>FCC</li> </ul>	
	<ul style="list-style-type: none"> <li>UL</li> </ul>	

## Packing List (Optional)

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