



Mini-ITX Form Factor
Intel ATOM D2500

PD12TI CC



Dual LAN



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 Six-channel High Definition audio

Features dual high speed Gigabit Ethernet
connection

Features 2 SATA 3Gb/s

Eight Hi-Speed USB2.0 ports

One PCI connector for the future Add-in card

One PCI Express Mini Card connector for
expansion card like Wifi

Dual Display capability with VGA and DVI-I port



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Sales Contact

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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) • Support for up to 4 GB of system memory • 204-pin DDR3 SO-DIMM
Chipset	Intel® NM10 Express Chipset
Integrated Graphics	Intel® Graphics Media Accelerator 3600 (Intel® GMA 3600) integrated graphics subsystem with support for digital video (DVI-I), VGA, and flat panel displays via an LVDS display interface
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: <ul style="list-style-type: none"> Hardware management support Serial Port (Rear IO) Serial Port (On board) Parallel port via an onboard header
Expansion Capabilities	PCI* bus add-in card connector PCI Express* Full-Mini Card slot with Half-Mini Card support
Peripheral Interfaces	<ul style="list-style-type: none"> • USB 2.0 back panel connectors (black) • USB 2.0 front panel ports • Serial ATA (SATA) 3.0 Gb/s interfaces
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	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

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|--------------------|-------------|---------------|
| • PD12TI Mainboard | • IO Shield | • Quick Guide |
| • 50CM SATA Cable | • Driver CD | |