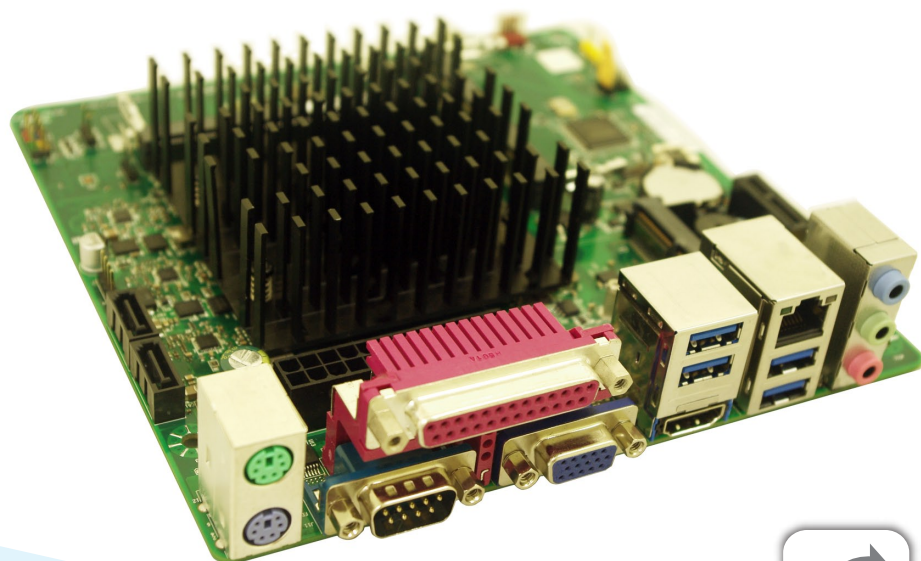


Mini-ITX Form Factor
MiTAC Embedded Board Braswell Series

PD14RI HN



DN2500HN
Transition



USB3.0
X4



HD-out



Serial Port



MiniCard Support
(Optional)

Features

Support Intel Braswell Dual core / Quad core processor

Intel HD graphics and DirectX 12 support

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

Integrated Six-channel High Definition audio

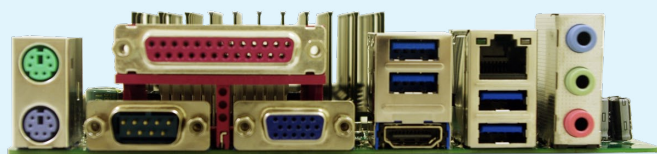
Features 2 SATA 6Gb/s

Four USB3.0 ports

One PCIe x1 connector for the future Add-in card
(Optional)

One PCI Express Mini Card connector for expansion
card like Wifi (Optional)

Dual Display capability with VGA and HD-out

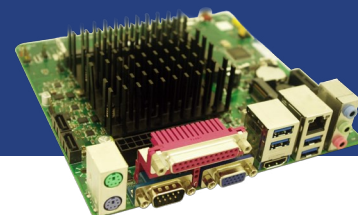


www.mitac.com

Sales Contact

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Item	Spec	
Form Factor	Mini-ITX (170 millimeters [6.7 inches] x 170 millimeters [6.7 inches])	
Processor	Passively-cooled, soldered-down Intel® Braswell processor with integrated graphics and memory controller. Compatible for N3050 / N3150 / N3700	
Main Memory	<ul style="list-style-type: none"> • Support for dual channel DDR3L 1333 / 1600 SO-DIMMs • Support for up to 8 GB of system memory on a single SO-DIMM (or 4 GB each by 2 SO-DIMM) 	
	204-pin DDR3L Small Outline Dual Inline Memory Module (SO-DIMM) sockets with gold-plated contacts	2
Integrated Graphics	Intel® HD Graphics integrated graphics subsystem	
	• HD-out	1
	• VGA	1
Audio	<ul style="list-style-type: none"> • RealTek* ALC662 audio codec for 5.1 (6-channel) High Definition Audio (HD Audio) and AC '97 Audio. Included are: - Back panel audio connectors - Onboard S/PDIF digital audio header 	
	• Front panel microphone / headphone header with support for HD Audio or AC '97 Audio	
TPM	NPCT650AAAWX	Option
Legacy I/O	Legacy I/O Controller (Nuvoton* NCT6792D) that provides:	
	Hardware management support	
	• Serial Port (Rear IO)	1
	• Serial Port Header (Onboard)	1
	• Back panel parallel port	1
Expansion Capabilities	• PS / 2 keyboard / mouse port	1
	• PCI-e X1 bus add-in card connector	1
	• PCI Express* Half-Mini Card support	Option
Peripheral Interfaces	• USB 3.0 (Rear IO)	4
	• Serial ATA (SATA) 6.0 Gb/s connectors	2
	• Single Port USB 2.0 Header	1
	• Dual Port USB 2.0 Header	Option
Hardware Monitor Subsystem	Hardware monitoring through the Nuvoton* NCT6792D legacy I/O controller, including:	
	<ul style="list-style-type: none"> • Remote thermal sensor • One 4-pin system fan header with speed control 	
LAN Support	Realtek RTL8111G Gigabit (10/100/1000 Mb/s) Ethernet LAN controller including an RJ-45 back panel connector with integrated status LEDs	1
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 	
	• MiAPI Support	
Power Requirement	ATX 12V or SFX 12V	
Environment	• Operating Temperature: 0°C to +60°C	
	• Storage Temperature: -20°C to +70°C	
Compliance	• CE	
	• FCC	

Packing List

- PD14RI Mainboard
- IO Shield
- Quick Guide
- SATA Cable
- Driver CD