



MITAC INTERNATIONAL CORP.

ThinMini-ITX Form Factor
Intel Haswell H87 / H81 chipset



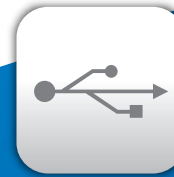
PH10LI PH11LI



Thin Mini-ITX



MiniCard Support



USB3.0



HD-in/HD-out

Features

Support Intel 4th generation Intel Core Processor

LGA1150 Socket H3 CPU compatible (up to 65W)

Dual channel DDR3 with two connectors (up to 16GB)

Features high speed Gigabit Ethernet connection

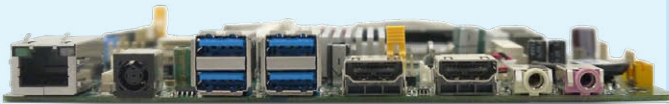
Two PCI Express Mini Card connector for expansion

Features 2 SATA3 (6Gbps)

Hi-Speed external USB3.0 ports support

HDMI-in & HDMI-out display connectivity

Embedded LVDS / connectivity



*The image is PH10LI

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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	Intel Haswell H3 LGA1150 CPU Socket Support up to Dual/Quad core 65W	
Chipset	PH10LI: Intel Lynx Point H87 Chipset PH11LI: Intel Lynx Point H81 Chipset	
Memory	<ul style="list-style-type: none"> Support for DDR3 1066/1333/1600 MHz SO-DIMMs Support for up to 16 GB of system memory 204-pin DDR3 SO-DIMM 	2
Display	<ul style="list-style-type: none"> HDMI-in & HDMI-out connector 40P Embedded LVDS connector 	
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: <ul style="list-style-type: none"> - Back panel audio connectors: Line-out & Mic - Onboard S/PDIF digital audio header 	
Expansion Capability	<ul style="list-style-type: none"> PCI Express Full-/Half-Mini Card slot PCI Express Half-Mini Card slot 	1 1
Peripheral Interfaces	<ul style="list-style-type: none"> USB 2.0 front panel ports 	6 (Headers)
	<ul style="list-style-type: none"> USB 2.0 back panel connectors (black) 	2
	<ul style="list-style-type: none"> USB 3.0 high-current/fast-charging ports (Blue) 	4 (PH10LI) 2 (PH11LI)
	<ul style="list-style-type: none"> SATA 3.0 Gb/s 	2
Legacy I/O	<ul style="list-style-type: none"> Legacy I/O Controller (ITE IT8519) 	
LAN Support	REALTEK RTL8111G 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"> Support for Advanced Configuration and Power Interface (ACPI) setting 	
Instantly Available PC Technology	<ul style="list-style-type: none"> Suspend to RAM support Wake on PCI Express, LAN, front panel, serial, and USB ports 	
Hardware Monitor Subsystem	Hardware monitoring through the Nuvoton ITE IT8519 legacy I/O controller, including: <ul style="list-style-type: none"> Remote thermal sensor 4-pin system fan header with speed control 	
Power Requirement	19V DC connectivity via back-panel DC jack(2.5mm/ ID, 5.5mm/ OD)	
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 	