

ThinMini-ITX Form Factor  
Intel Haswell H87/H81 chipset

# PH10LI



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

HD-in\* & HD-out display connectivity

Embedded LVDS / connectivity

HD-in function applies when used in MITAC Maestro AIO



\*The image is PH10LI

[www.mitac.com](http://www.mitac.com)

## Sales Contact

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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	Support for DDR3 1066/1333 / 1600 MHz SO-DIMMs Support for up to 16 GB of system memory 204-pin DDR3 SO-DIMM	2
Audio Controller	RealTek* ALC662 audio codec	
Expansion Capability	PCI Express Full- / Half-Mini Card slot (PCIe / USB / SATA)	1
	PCI Express Half-Mini Card slot (PCIe / USB)	1
External I/O	19V DC connectivity via back-panel DC jack(5mm/ID, 7.5mm/OD)	1
	Mic-in	1
	Line-out	1
	HD-in* & HD-out connector	1
	USB 2.0 back panel connectors (black)	0 (PH10LI) 2 (PH11LI)
	USB 3.0 high-current / fast-charging ports (Blue)	4 (PH10LI) 2 (PH11LI)
Internal I/O	USB 2.0 front panel ports	5 (Headers)
	RJ-45 back connector with integrated status LEDs	1
	4-pin system fan header with speed control	1
	40P Embedded LVDS connector	1
	SATA 6.0 Gb/s	2
Legacy I/O	Legacy I / O Controller (ITE IT8519)	
LAN Support	REALTEK RTL8111G Gigabit (10 / 100 / 1000 Mb/s) Ethernet LAN controller	
BIOS	Support for Advanced Configuration and Power Interface (ACPI) setting	
Instantly Available PC Technology	Suspend to RAM support Wake on PCI Express, LAN, front panel, and USB ports	
Hardware Monitor Subsystem	Hardware monitoring through the ITE IT8519 legacy I / O controller, including: Thermal sensor	
Environment	Operating Temperature: 0 °C to +60 °C	
	Storage Temperature: -20°C to +70°C	
Safety	CE	
	FCC	

HD-in function applies when used in MITAC Maestro AIO

## Packing List

- PH11LI Mainboard
- 45CM SATA Power Cable
- Driver CD
- 50CM SATA Cable
- IO Shield
- Quick Guide