

Micro-ATX Form Factor  
Intel Q370 PCH

Coming Soon

**PH10FU**



Intel vPro



Dual LAN



Serial Port x 4



M.2 Support



3 Independent Displays

Features

Support 8th generation (Coffee Lake) Intel® Core™ i7, i5, i3 processors

Dual channel DDR4 with four connectors for MAX. 64GB memory

On board COM port header for RS232

Integrated Six-channel High Definition audio

Features dual high speed Gigabit Ethernet connection

Dual DP + HDMI Triple display output

Support Type 2280, 2242 M.2 (NGFF)

Intel® vPro business-grade technology support

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

## Sales Contact

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Item	Spec	
Form Factor	Micro-ATX 9.6" x 9.6" (170mm x 170mm)	
Processor	8th generation Intel® Coffee Lake Core processor family with up to 95W TDP	
Main Memory	Support Dual channel DDR4 2666 MHz u-DIMMs	
	Support for up to 64GB of system memory	
	288-pin DDR4 u-DIMM	4
Chipset	Intel® Platform Controller Hub (PCH)	Q370
Integrated Graphics	Intel® HD Graphics(By CPU)	
External Graphics	External graphics support provided through the PCIe 3.0 x 16 bus connector	
Audio	Realtek ALC892-CG audio codec for 7.1 ch	
	Front panel microphone / headphone header	
Legacy I/O	Legacy I/O Controller (Nuvoton NCT6683D-T) that provides	
External I/O	USB 3.1	6
	Display Port	2
	DVI-D	1
	J-45 (with integrated status LEDs)	2
	6-stack Audio Jack (with S/PDIF)	1
	Serial Port header (RS232)	4
Internal I/O	USB 3.1 header	2
	USB 2.0 header	2
	Audio Header (Front Panel Mic-in / Hp-out)	1
	Desktop front panel header	1
	2 x 8 pin TPM header	1
	Serial ATA (SATA) 6.0 Gb/s interfaces	6
Expansion Capability	PCIe 3.0 x 16 (Blue)	1
	PCI-E Gen.3 x 8 slot (x 4 lanes) (Black)	2
	M.2 Support Socket Type 2280, 2242 (PCI-e x 2)	1
Hardware Monitor Subsystem	Hardware monitoring through the Nuvoton NCT6683D-T legacy I/O controller	
	CPU fan header	1
	4-pin system fan header	3
LAN Support	Intel® I217 Gigabit (10/100/1000 Mb/s) LAN	
	Intel® I210 Gigabit (10/100/1000 Mb/s) LAN	
BIOS	AMI UEFI BIOS Support for Advanced Configuration and Power Interface (ACPI)	
Instantly Available	Support for PCI Express Revision 3.0	
PC Technology	Wake on USB, PCI Express, LAN, serial, PS / 2, and front panel	
Power Requirement	ATX 12V PWR Con (24 + 8 pin)	
Environment	Operating Temperature: 0°C to +55 °C	
	Storage Temperature: -20°C to +70°C	
Safety	CE	
	FCC	
OS support	Windows 10 64bit, Linux by request	

MiTAC reserved the right for the specification changes

## Packing List

- PH10FU Mainboard
- Driver CD
- Quick Guide