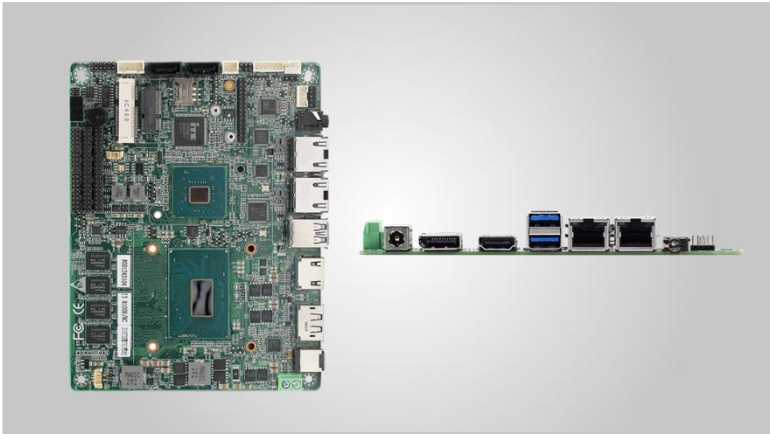


HM370Z3BW



- ◆ Integrated Intel Coffee Lake-H series CPU;
- ◆ Intel HM370, QM370 Chipset
- ◆ Onboard DDR4 4G/8G/16G RAM;
- ◆ 1*HDMI 1.4 1*DP (support 4K display output) ;
- ◆ 1*LVDS(dual channel 24bits display) or EDP1.3, 4Lanes (optional)
- ◆ Onboard dual channel amplifier, each supports 6W 8Ω trumpet;
- ◆ Support power-on automatic boot function, jump selection;
- ◆ Support Intel AMT remote management technology (need to use QM370 chipset, CPU has platform qualification and Intel I219-LM network card)

Specification

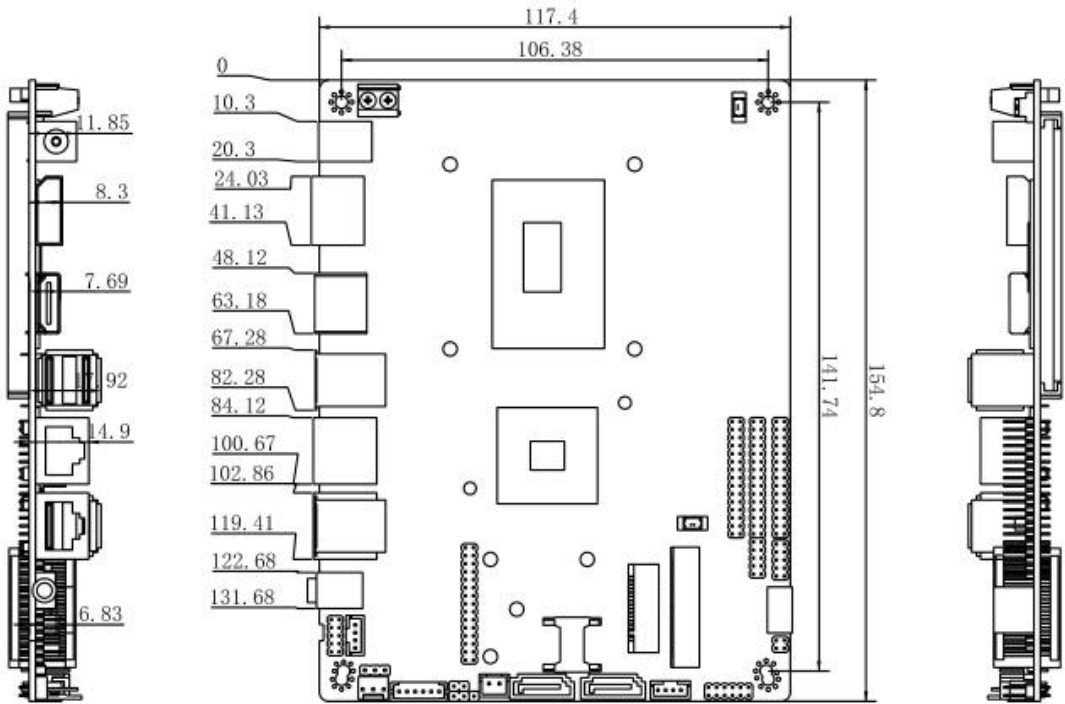
Processor system	CPU	Integrated Intel Coffee Lake-H series CPU
	CPU package	BGA
	Chipset	Intel HM370, QM370 Chipset
	BIOS	EFI BIOS
Memory	Technology framework	Dual channel DDR4 2133/2400/2666Mhz;
	RAM	Onboard DDR4 4G/8G/16G storage
	Socket	1 *DDR4 SODIMM 260 Socket, MAX support 32G
Video	Graphic controller	Intel UHD Graphics 630(I3-8100H graphics) ; the model of graphics is related to the CPU type
	Dual LVDS and EDP	Support dual channel 24bits output, MAX resolution: 1920 x 1200; EDP MAX resolutions support: 4096*2304 (optional)
	DP	DP support MAX resolution: 4096*2304@60HZ
	HDMI	support MAX resolution (HDMI 1.4) 4096*2304@30HZ support 4K display
	Dual display	LVDS + DP, LVDS+HDMI, HDMI+DP, sync or asynchronous display
	Three display	Support LVDS+DP+HDMI, sync or asynchronous three display
I/O panel ports	ports	1*DP, 1*HDMI, 2*LAN, 2*USB3.1 1*MIC-OUT/LINE-OUT 1*DC
Internet	Controller	1*Intel I211AT and 1*Intel I219-LM gigabit ethernet (when I/O ports have 4 USB, only have 1*Intel I211AT network card)
Audio	Controller	Realtek ALC662 Audio decoding (Left and right channels+Microphone)
Super I/O	Controller	ITE8786E
Hardware Controller	Watchdog timer	0-255seconds, provide a watchdog routine
	Cooler	Aluminum Alloy heat sink with Fan (Support automatic and manual fan speed adjustment)
Input/output ports	USB	2*USB3.1 compatible with USB2.0 / 1.1, 6*USB2.0, MAX support +5V/1.5A (USB3.1 support GEN2 mode, 10Gb/s)
	COM	COM1, 2 can be set as RS232 or RS485 through jumping cap and BIOS settings, COM3, COM4 can be set as RS232 or RS485 by changing hardware and BIOS settings, COM5, COM6 can be RS232
	PS/2	1*PS/2 pin interface
	GPIO	8bits, providing routines, freely defines input/output, 3.3V@34mA level
Expansion Bus	Mini-PCIe	1*Mini-PCIe socket, support PCIe and USB devices
	NGFF	1*NGFF interface (KEY E)
Storage	SATA	2*standard SATA III interface, MAX transmission rate 6Gb/s
	M-SATA	1*Mini-PCIe M-SATA Socket, support SANDISK protocol, MAX transmission rate 6Gb/s
Power supply	Power type	Wide-voltage 9-36V power supply
Working environment	Working Temperature	-20℃ ~ +60℃
	Storage Temperature	-40℃ ~ +85℃
	Working humidity	0% ~ 90% Relative humidity, no condensation
	Storage humidity	0% ~ 90% Relative humidity, no condensation
OS support		Windows 10 Linux
Dimension	Size	154.8*117.4mm

	Weight	0.5KG
Certifications		CE, RoHS, FCC

HM370Z3BW

Size

单位：mm



Order Information

Model	Description	CPU optional
HM370Z3BW-I3	Integrated Intel 8 th and 9 th Mobile Coffee Lake-H series CPU Onboard 4G/8G/16G DDR4 storage	I3-8100H 3.0Ghz I3-9100HL 1.6Ghz to 2.9Ghz
HM370Z3BW-I5	Integrated Intel 8 th and 9 th Mobile Coffee Lake-H series CPU Onboard 4G/8G/16G DDR4 storage	I5-8300H 2.3Ghz to 4.0Ghz I5-9300H 2.4Ghz to 4.1Ghz
HM370Z3BW-I7	Integrated Intel 8 th and 9 th Mobile Coffee Lake-H series CPU Onboard 4G/8G/16G DDR4storage	I7-8850H 2.6Ghz to 4.3Ghz I7-9850H 2.6Ghz to 4.6Ghz