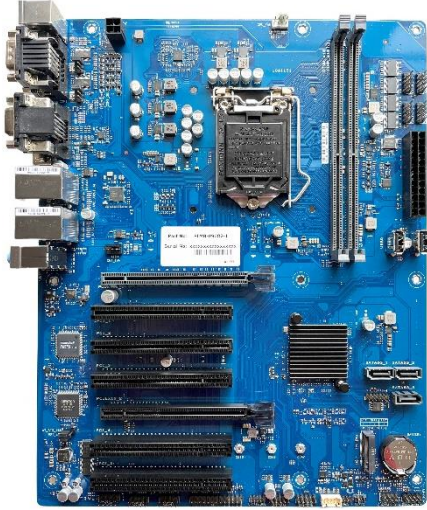


PIMB-09082

ATX, LGA1151 socket for the 6th/7th Gen CPU, H110 chipset, 2*U-DIMM, 2-PCIe x16, 5-PCI, HDMI, VGA, Dual LAN, M.2 slot



FEATURES

- Intel® H110 Chipset
- Two 288-pin U-DIMM up to 32GB DDR4 2400/2133 MHz
- Supports Dual displays: VGA/HDMI or VGA/DP
- 3 x SATA III (6.0Gb/s)
- 5-PCI, 1-PCIe x16 (x4 mode), 1-PCIe x16 (x16 mode)
- 1-M.2 Socket M-Key, 2242/2260/2280 (SATA Mode)
- 0°C to 60°C Operating Temp. Compliance
- AT/ATX supported

IMAGES



SPECIFICATIONS

System	Processor	Intel® 7 th /6 th Generation Core™ i7/i5/i3/Pentium®/Celeron® Processors
	Socket	LGA 1151
	Chipset	Intel® H110 Chipset
	Watch Dog	Yes
Memory	Technology	DDR4 2400/2133 MHz
	Socket	2 x U-DIMM
	Capacity	Max. capacity 32GB
Expansion Slots	PCI	5 x PCI
	PCIe	1-PCIe x16 slot 3.0/2.0 (x16 mode), 1- PCIe x16 slot 2.0 [x4 mode, x4pin]
	M.2	1- M.2 Socket 3 with M key, type 2242/2260/2280(SATA mode)
Storage	SATA	3- SATA Gen 3.0, up to 6Gb/s
Audio	Codec	Realtek ALC887/ALC 897* -VD2 High Definition Audio
Ethernet LAN	Controller	1- Intel® i219V, 1- Intel® I211AT, supports WOL/PXE
Graphics	Chipset	Intel® HD Graphics
	Multi Display	Support Dual Display
Back Panel I/O	VGA	1-Supports up to Up to 1920 x 1200 @60Hz
	HDMI	1-Supports up to 4096 X 2160 @ 24Hz [Colay with DP, optional]
	USB	4-USB 3.2 Gen1
	LAN	2-RJ45 10/100/1000Mbps
	COM	2-(RS232/422/485)
	Audio	Line-Out, Line-In, Mic in
	PS/2	1
Internal I/O	COM	6-RS232
	USB	2-Header Support Additional 4 x USB2.0 Connectors 2 x stick socket
	Chassis Instruction	1
	Front Panel Audio	1
	System Panel header	1
	Speaker Connector	1
	LPC header	1
	I2C	1
	Parallel	1
	GPIO	1- 8 Bit
TPM	1- SPI TPM header	
Software	Operating System	Windows 7 (32/64bit) / Windows 10 (64bit) / Win10 IoT Enterprise Ubuntu, Red Hat Enterprise, Fedora Workstation, Open SUSE
Power	Power Input	24-Pin + 8-Pin ATX PWR, AT/ATX Supported
Mechanical	Dimension	ATX (305 x 244mm) – Blue Colour Board.
Temperature	Operational	0°C ~ 60°C compliance
	Storage	-40°C ~ 85°C compliance
	Humidity	0%~85% compliance

ORDERING INFO

PIMB-09082-1

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