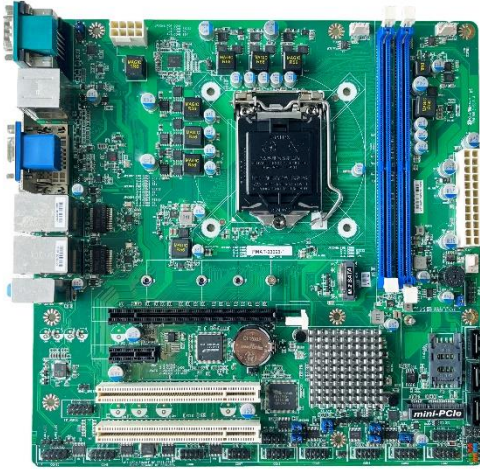


PMAT-03069

Micro ATX Motherboard, 8th Generation Intel® Core™ i7/ i5 /i3, Pentium and Celeron LGA1151 Socket Processor, Max. 65W TDP



FEATURES

- Support Intel® 8th Gen Coffee Lake LGA1151 i7/i5/i3/Pentium (Max 65W TDP)
- Intel® H310 Chipset
- 2x DDR4 2666MHz UDIMM slot up to 64GB
- 2x Realtek Gigabit LAN (RTL8111H)
- 3x SATA III (6Gb/s), 1 * M.2 (M key, 2242/2260/2280/22110, SATA Interface)
- 4x USB 3.1(Gen 1), 4x USB 2.0, 10x COM ports
- Support TPM 1.2/2.0 onboard option.
- Micro ATX form factor (244mm x 244mm)

IMAGES

SPECIFICATIONS



Processor System	CPU	Intel® Gen8 Coffee Lake Core i3, i5, i7 & Pentium Processors (Max. 65W TDP)
	Socket	LGA1151
	Chipset	Intel H310 Chipset
Memory	BIOS	AMI 64Mb Flash ROM
	Technology	Dual Channel DDR4 2666MHz
	Maximum	64GB
Expansion Slot	Socket	2-UDIMM
	PCI	2
	Mini PCIe	1 Full Size
	PCIe	1-PCIe x16, 1-PCIe x1
Graphics	SIM Card	1
	Controller	by CPU
	VRAM	Shared Memory
Ethernet	Multi Display	Dual Display
	Ethernet	10/100/1000 Mbps
Audio	Controller	PCIe GbE: Realtek RTL8111H
	CODEC	HD Audio: 6 Channel Realtek ALC662VDs
Storage	SATA	3-SATAIII up to 6.0Gb/s
	RAID	No
	M.2	1-M.2 (M-key, 2242/2260/2280/22110, SATA Interface)
Rear I/O	VGA	1 (Max. Resolution: 1920x1200@60Hz)
	DVI-D	1 (Max. Resolution: 1920x1200@60Hz)
	HDMI	1 (Max. Resolution: 4096x2160@30Hz)
	DP	1 (Max. Resolution: 4096x2304@60Hz)
	Ethernet	2-RJ45
	USB	4-USB 3.1(Gen 1) 2-USB 2.0
	Audio	Line-In, Line-Out, MIC
Internal Connector	Serial	1 (COM1 support RS232/422/485)
	USB	2-USB 2.0
	Serial	9 (COM2 support RS232/422/485)
	Chassis Instruction	1
	PS/2	1
	GPIO	8 bits
	SMBUS/I2C	1
Watch Dog Timer	Audio header	1
	TPM	1 (1.2/2.0 onboard option)
Power Requirement	AT Mode	1
	Output	From Super I/O to drag RESETCON#
Form Factor	Interval	256 segments, 10sec...255min
	Input Power	24 pin/8 pin ATX PWR Connector
Environment	Power On	AT/ATX Supported
	Dimension	Micro ATX (244x244mm)
Environment	Operating Temp.	0°C – 60°C - Compliance
	Storage Temp.	-20°C – 85°C - Compliance

ORDERING GUIDE

PMAT-03069

Micro ATX Motherboard, 8th Gen, H310, Intel® Core™ i7/ i5 /i3, Pentium and Celeron LGA1151 Socket Processor, Max. 65W TDP, GbE/ COM/ Audio/USB

PMAT-03069-1