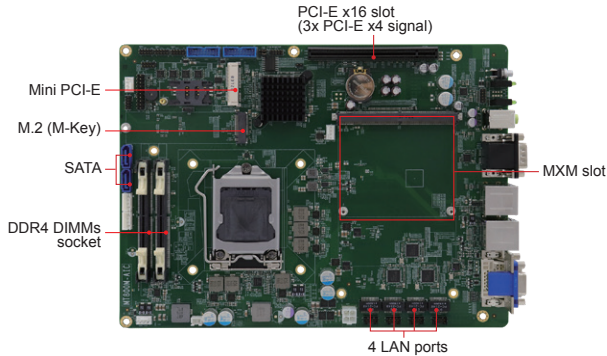


# MT800M-P

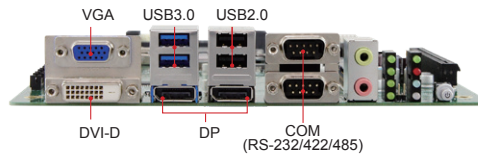
## Customized Motherboard for AI Applications

8th Gen Intel® Core™ i7/i5/i3 Customized Motherboard supports NVIDIA MXM Graphics Modules



### Features

- 8th Gen Intel® Core™ i7/i5/i3 processors
- 2x DDR4 SO-DIMM, Max. 32GB
- 4x Intel® Gigabit LAN
- 2x DisplayPort, 1x DVI-D, 1x VGA
- 6x USB 3.1, 2x USB 2.0, 2x SATA III, 6x COM
- 1x PCI-Ex16 (3x PCI-E x4 signal, optional riser card), 1x Mini PCI-E socket, 1x M.2 (M-key)
- 1x MXM socket supports Nvidia MXM GPU card (Up to 190W)



### Specifications

CPU Socket	LGA1151
CPU	8th Generation Intel® Desktop Core™ i7/i5/i3/ Celeron® DT Processor
System Memory	2x DDR4-2400 SO-DIMM socket, Max. 32GB (Non-ECC)
PCH	Intel® QM370PCH
BIOS	AMI
Watchdog Timer	256 levels
SSD	mSATA, M.2
H/W Monitor	Yes
Storage Device Interface	mSATA , NVMe
Expansion Slot	1x PCI-E (16x) slot (For Optional riser card supporting 3x PCI-E x4 signal) 1x Mini PCI-E 1x M.2 (M-key, type: 2280, NVMe) 1x MXM slot (supports Nvidia MXM GPU card Up to 190W)
VGA Controller	8th Generation Intel® Core™ i7/i5/i3 processor integrated
Display Interface	1x VGA 1x DVI-D 2x DP
LAN Controller	LAN1: Intel® I219LM Gigabit LAN PHY LAN2 ~ LAN4: Intel® I211AT Gigabit LAN
LAN Connector	4x 2x4-pin box header on board
Serial Port	2x RS232/422/485, 4x RS232
USB	6x USB3.1 2x USB2.0

Serial ATA	2x SATA III
Audio	Intel® CNL PCH-H built-in HD audio controller + Realtek audio codec ALC662-VD0-GR with 2 channels
Dimensions	270mm x 220mm (10.6" x 8.6")
Others	Digital I/O (4-in / 4-out)
Max. Power Requirement	24V/240W power input
Operating Temperature	0°C~60°C
Storage Temperature	-20°C~80°C
Relative Humidity	90% (non-condensing @60°C)

### Ordering Information

MT800M-P	LGA1151, Q370 Customized motherboard w/ MXM socket supports Nvidia MXM GPU card (Up to 190W)
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