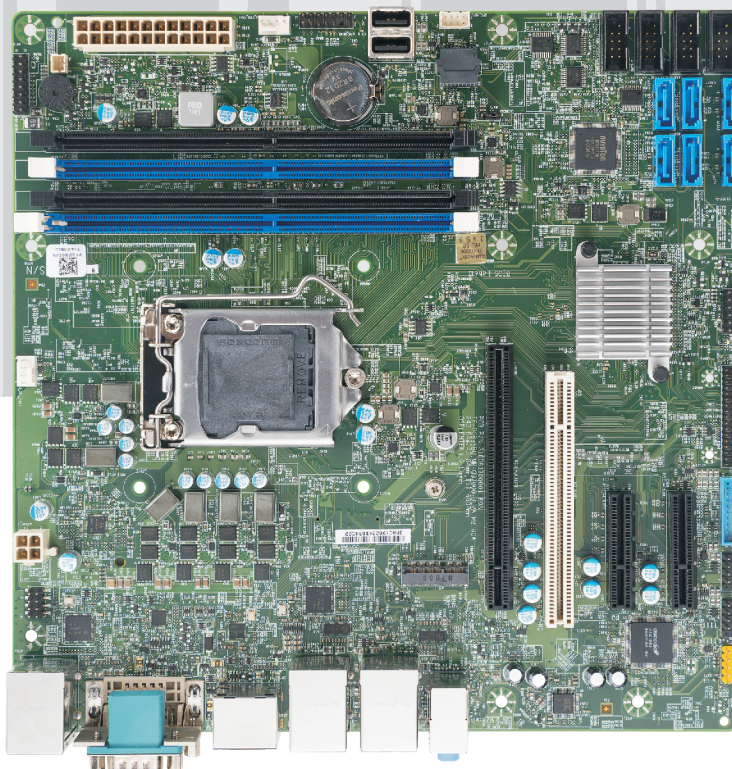


GMB-MQ37000

Intel® 8th Gen. Core™ Coffee Lake Processor Micro ATX Industrial Motherboard



Features

- Support Intel® 8th Gen. Core™ Processor (LGA1151)
- Up to 64 GB maximum DDR4 2666 MHz non ECC U-DIMM on 4 sockets.
- 1 x PCIe by 16 (Gen 3) , 2 x PCIe by 4 (Gen 3) , 1 x PCI
- 6 x SATA 3.0 ports and 14 x USB Ports
- 3 x Giga LAN port with intel 1 x I219LM and 2 x intel I211AT
- DVI-I + HDMI 1.4+ Display port 1.2 by I/O panel

Packing List

- 1 x Motherboard
- 1 x I/O Shield Panel
- 1 x Installation CD

Recommended CPU List

- Intel® Core™ i7-8700T
- Intel® Core™ i7-8700
- Intel® Core™ i5-8500T
- Intel® Core™ i5-8500
- Intel® Celeron® G4900T
- Intel® Celeron® G4900



Specifications

System	
Processor	Intel® 8th Gen. Core™ processor (LGA1151)
CHIPSET	Intel® Q370
BIOS	AMI UEFI BIOS Up to 64 GB in 4 slots 288-pin U-DIMM sockets.
MEMORY	Supports dual channel DDR4 2666 MHz non ECC U-DIMM.
STORAGE DEVICES	6x SATA 3.0 ports
WATCHDOG TIMER	Programmable by embedded controller
HARDWARE MONITORING	System monitor(Voltage,Fan Speed and Temperature)
EXPANSION INTERFACE	One PCIe x16 (Gen3) slot Two PCIe x4 (Gen3) slot One PCI slot
AUDIO	Line-in/ Line-out/ Mic-in (Rear I/O)
ETHERNET	3x RJ45 connector (Rear I/O) 10BASE-T/100BASE-TX/1000BASE-T, Wake On Lan 1 x Intel® I219-LM(PHY) & 2 x Intel® I211-AT
SERIAL PORT	1 x RS-232/422/485 (Rear I/O) 4 x RS-232 on 2.54mm Box header
USB PORT	4x USB 3.2 (GEN2) ports (Rear I/O) 2x USB 2.0 (HiSpeed) ports (Rear Panel) 2x USB 3.2 (GEN1) ports on pin header on board 2x USB 2.0 (HiSpeed) Type A Stright Connector 4 x USB 2.0 (HiSpeed) ports on two 2x5 pin header
GPIO	GPIO fuction on 2.54mm 2x8 Pin header (4bit in/4bit out)
GRAPHIC CONTROLLER	Intel® Gen 9 graphic engine supports DirectX 12, OpenGL 4.5
DISPLAY INTERFACE	DVI-I Display Port 1.2 HDMI Port 1.4
M.2	1x M.2 E Key (2230)
OTHERS	RAID(0,1,5,10)
DIMENSIONS (L X W)	244(9.6") x 244(9.6") mm
POWER SUPPLY	ATX 24pin power connector , 12V 4pin power connector
ENVIRONMENT	Operation temperature : 0 to 60°C Storage temperature : -20 to 70°C Relative humidity : 10 to 95% , non-condensing
OS SUPPORT	Windows® 10
CERTIFICATE	CE / FCC Class A, RoHS2.0

Ordering Guide

- GMB-MQ37000 Micro ATX IMB 8th Gen. Intel® Core™ Processor, Intel® Q370 Chipset