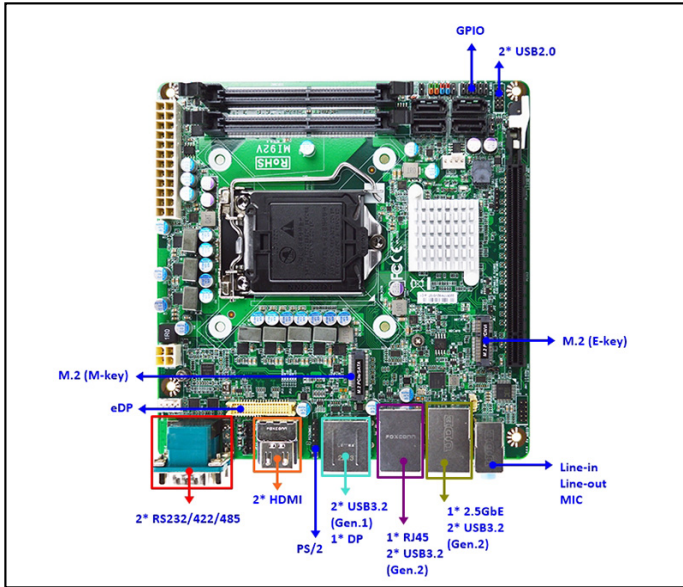


Mini-ITX Motherboard powered by Intel® LGA1200 10th Gen Socket Processor with ATX power support



Features

- Powered by Intel® LGA1200 10th Gen Socket Processor (Comet Lake-S, TDP 65W) with Q470 Chipset
- Triple Display Support: Supports 2 x HDMI, 1 x eDP, and 1 x DP with 4K resolution
- Dual Ethernet: Includes 1 x Intel GbE and 1 x Intel 2.5GbE for fast and reliable networking
- Storage: Features 4 x SATA III with RAID 0, 1, 5, 10 support and 1 x M.2 M-key (SATA/PCIe x4)
- Expansion Options: Provides 1 x M.2 E-key and 1 x PCIe x16 Slot
- Comprehensive I/O: Includes 4 x USB 3.2 Gen2, 2 x USB 3.2 Gen1, 2 x USB 2.0, and 2 x RS232/422/485
- Optional Onboard TPM 2.0 Support for enhanced security

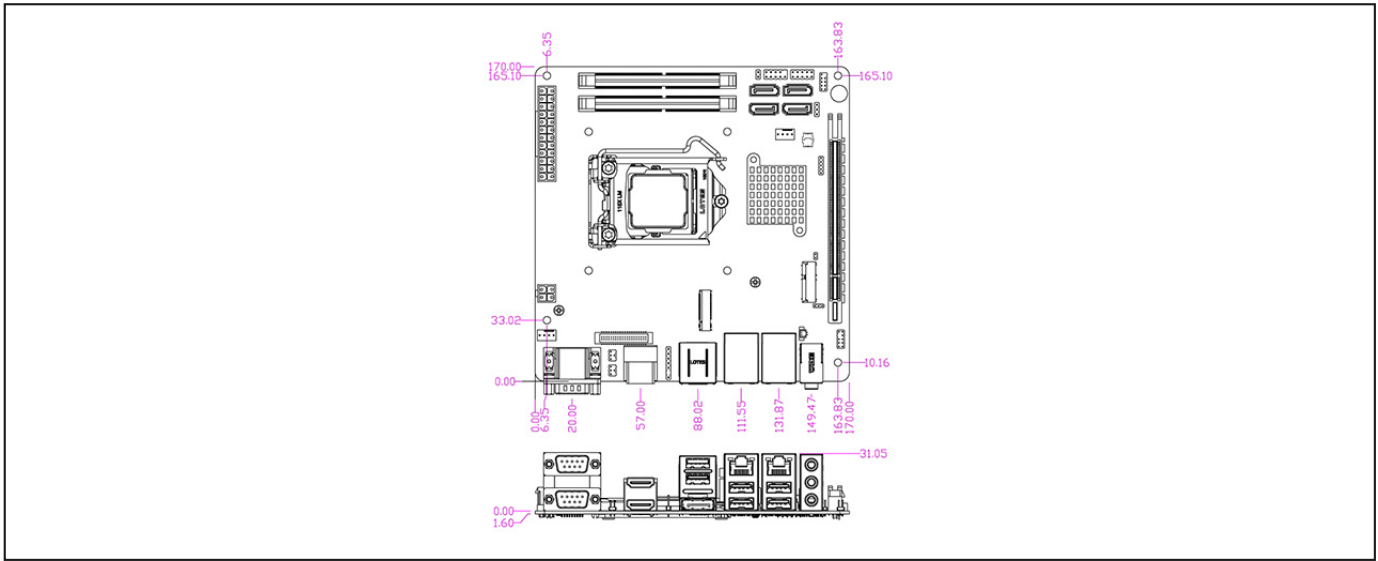
Packing List

PART NUMBER	DESCRIPTION	QTY
MI92V	MI92V Series M/B	1
F04-MB-081-F	I/O shield	1
G01-SATA3-BL-1F	SATA Cable	2

Specifications

SYSTEM	
MB FORM FACTOR	Mini-ITX
CPU	Intel® LGA1200 10th Gen Socket Processor (Formerly Comet Lake-S, TDP 65W)
CHIPSET	Intel® Q470E
MEMORY	2 x DDR4 2400/2666MHz Dual Channel SDRAM SO-DIMM up to 64GB
BIOS	AMI 128Mb Flash ROM
WATCHDOG TIMER	255 Levels
SECURITY	TPM2.0 (Optional)
DIMENSION (W X D)	170.0 (W) x 170.0 (D) mm (6.7" x 6.7")
OS SUPPORT	Windows® 11 (64bit) Windows® 10 (64bit) Linux
POWER	
POWER REQUIREMENT	ATX Power Supply
POWER ON MODE	AT / ATX
CONNECTOR	24+4-pin ATX PWR
DISPLAY	
GPU	Intel® HD Graphics
eDP	1 x eDP (Max Resolution: 4096 x 2304@60Hz)
DP	1 x DP (Max Resolution: 4096 x 2304@60Hz)
HDMI	2 x HDMI 1.4 (Max Resolution: 4096 x 2160@30Hz)
MULTIPLE DISPLAY	Support 3 Displays
AUDIO	
CODEC	Realtek Audio Codec
Line-in	1 x Audio Jack for Line-In
Line-out	1 x Audio Jack for Line-Out
MIC-in	1 x Audio Jack for MIC-In
LAN	
ETHERNET	1 x RJ45 for Intel® I226-V 2.5GbE 1 x RJ45 for Intel® I219-LM GbE
USB PORT	
USB	4 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) 2 x USB 3.2 Gen 1x1 (5Gbps, Formerly USB 3.1 Gen 1) Internal Header for 2 x USB 2.0
SERIAL PORT	
COM	2 x DB-9 for RS-232/422/485
INTERNAL I/O	
GPIO	8-Bit
SMBUS	Yes
STORAGE	
ADDITIONAL	1 x Chassis Intrusion 1 x PS/2 1 x Audio Header 1 x AT Mode Selection
SATA	4 x SATA III
RAID	RAID 0, 1, 5, 10
EXPANSION	
M.2	1 x M-key 2280 (SATA/PCIe4) support NVMe 1 x E-Key 2230 (USB 2.0/PCIe x1) Support CNVi
PCIe	1 x PCIe x16
ENVIRONMENT & CERTIFICATION	
SHOCK	15G, 11ms duration
VIBRATION	1 Grms/ 5- 500Hz/ Operation
OPERATING TEMPERATURE	0°C - 60°C (32°F - 140°F)
STORAGE TEMPERATURE	-20°C - 85°C (-4°F - 185°F)
OPERATING HUMIDITY	10 - 90% Relative Humidity, Non-condensing
CERTIFICATION	CE/FCC Class A LVD
ESG DECLARATION	EU RoHS China RoHS REACH

Dimension Unit: mm



Ordering Information

PART NUMBER	MI92V10-A1	MI92V12-A1
CPU	Intel® Socket LGA1200 CPU	Intel® Socket LGA1200 CPU
SECURITY		TPM2.0
POWER REQUIREMENT	ATX Power Supply	ATX Power Supply
eDP	1 x eDP	1 x eDP
DP	1 x DP	1 x DP
HDMI	2 x HDMI	2 x HDMI
MULTIPLE DISPLAY	Support 3 Displays	Support 3 Displays
ETHERNET	1 x GbE	1 x GbE
ETHERNET	1 x 2.5GbE	1 x 2.5GbE
USB	4 x USB 3.2 Gen 2	4 x USB 3.2 Gen 2
USB	2 x USB 3.2	2 x USB 3.2
USB	2 x USB 2.0	2 x USB 2.0
COM	2 x RS-232/422/485	2 x RS-232/422/485
SATA	4 x SATA III	4 x SATA III
M.2	1 x M-Key 2280	1 x M-Key 2280
M.2	1 x E-Key 2230	1 x E-Key 2230
PCI-E	1 x PCI-E x16	1 x PCI-E x16
OPERATING TEMPERATURE	0°C - 60°C (32°F - 140°F)	0°C - 60°C (32°F - 140°F)