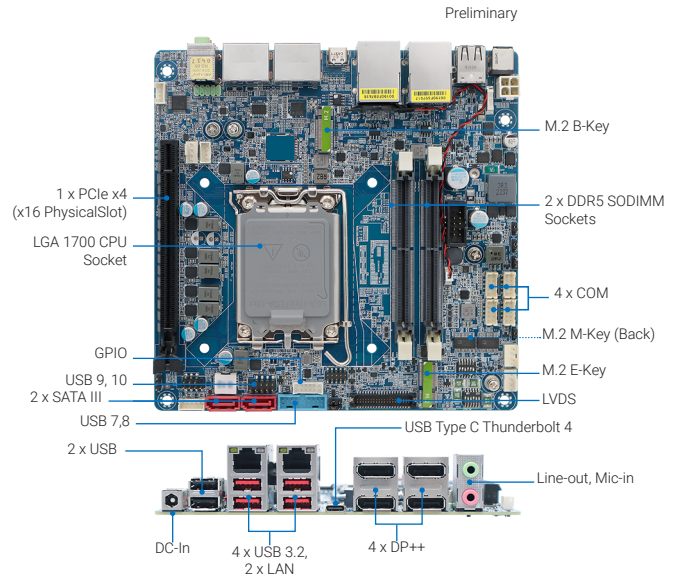


Features

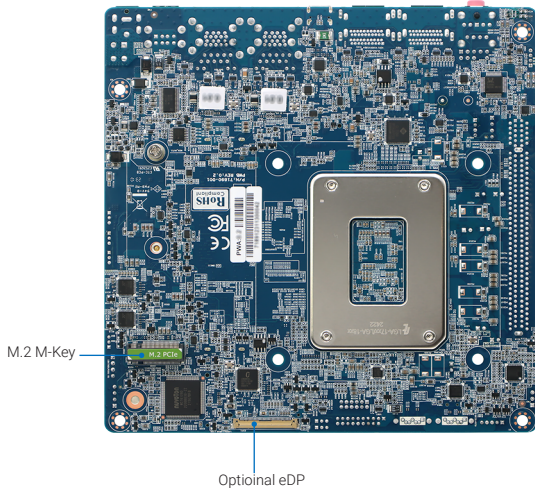
- LGA 1700 socket supports Intel® Core™ 7/5/3 Processor, formerly the Raptor Lake PS (RPL-PS) Platform
- 2 x DDR5 5200MHz SODIMM sockets support up to 64GB
- Intel® Graphics with up to 96 graphics EUs (CPU Dependent)
- 4 x DP++, supports 4 Independent Displays
- Onboard LVDS, optional eDP
- Dual LAN, 2 x Intel® I226-LM 2.5GbE Ethernet Controllers
- 1 x USB Type C Thunderbolt® 4
- 4 x USB 3.2 Gen 2, 2 x USB 3.2 Gen 1, 4 x USB 2.0
- Gen4 PCIe x4 Slot (x16 Physical Slot)
- 1 x M.2 M-Key 2242/2280 NVMe
- 1 x M.2 B-Key 3042/3052
- 1 x M.2 E-Key 2230 (PCIe x1 Channel & USB Signal)
- 4 x COM Ports
- 12-24V Wide Range DC-in
- TPM 2.0

Specifications

System	
CPU	LGA 1700 Supports Intel® Core™ 7/5/3 Processor up to 45W, formerly Raptor Lake PS Platform
System Memory	2 x DDR5 5200MHz SODIMM Sockets support up to 64GB
BIOS	256Mb SPI BIOS
Expansion	1 x Gen 4 PCIe x4 (x16 Physical Slot) 1 x M.2 E-Key 2230 (PCIe x1 Channel & USB Signal) 1 x M.2 M-Key 2280 & 2242 NVMe (Gen4 PCIe) 1 x M.2 B-Key 3052 & 3042 (PCIe x2 & USB Signal)
TPM	TPM 2.0
OS Support	Win 10 Win 11 Linux Ubuntu
Display	
Chipset	Integrated Intel® Graphics
Display Output	4 x DisplayPort 1.4a @ 60Hz 18/24 bits Dual Channel LVDS. Optional eDP
Multi-Display	Supports 4 Independent Displays
Audio	
Audio Codec	Realtek HD Audio Codec
Interface	1 x Line-out, 1 x Mic-in



Ethernet	
Controller	Intel® I226-LM Ethernet Controller Intel® I226-LM Ethernet Controller
Ethernet	2 x 10/100/1000/2.5G Base-Tx GbE Compatible
Connector	2 x RJ45 LAN
External I/O	
Display	4 x DisplayPorts (DP++)
USB	4 x USB 3.2 Gen 2 Type A Connectors 2 x USB 2.0 Type A Connectors 1 x USB Type C Thunderbolt 4 Connector
LAN	2 x RJ45
Audio	1 x Line-out, 1 x Mic-in
DC-in	1 x Barrel Type DC-in Connector
Internal I/O	
LVDS	1 x LVDS Header 1 x eDP Header (Optional)
USB	1 x USB 3.2 Gen 1 Header (2 Ports) 1 x USB 2.0 Header (2 Ports)
COM	2 x RS-232/422/485 Headers 2 x RS-232 Headers
SATA	2 x SATA III
Other	1 x 8-bits GPIO Header 1 x I ² C, 4-pin DC-in Connector



Mechanical & Environment

Power Requirement	12V-24V Wide Range DC-in
Operating Temp.	0°C ~ 60°C (32°F ~ 140°F)
Storage Temp.	-10°C ~ 60°C (-40°F ~ 167°F)
Operating Humidity	5% ~ 85% Relative Humidity, Non-condensing
Certification	FCC Class B/CE/UL Second Edition RoHS Compliant
Form Factor	Mini ITX
Dimensions	6.7"x 6.7" (170mm x 170mm)
Certification	FCC Class B/CE RoHS Compliant
Weight	0.88 lbs (0.4 KG)

Ordering Info

MX-RPLPS	Mini-ITX supports Intel® Core™ Processor
Accessory	1 x SATA Power Cable for Two Devices 1 x Full Height I/O Shield
183000000006	2.00mm pitch 12" length serial cable
182437200040	2.54mm pitch 14" length dual port USB 2.0 cable w/ full height bracket
182000000073	2.00mm pitch 19.7" length dual port serial cable w/ full height bracket

* All product specifications and images are subject to change without notice. Last update: 04/22/2024



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