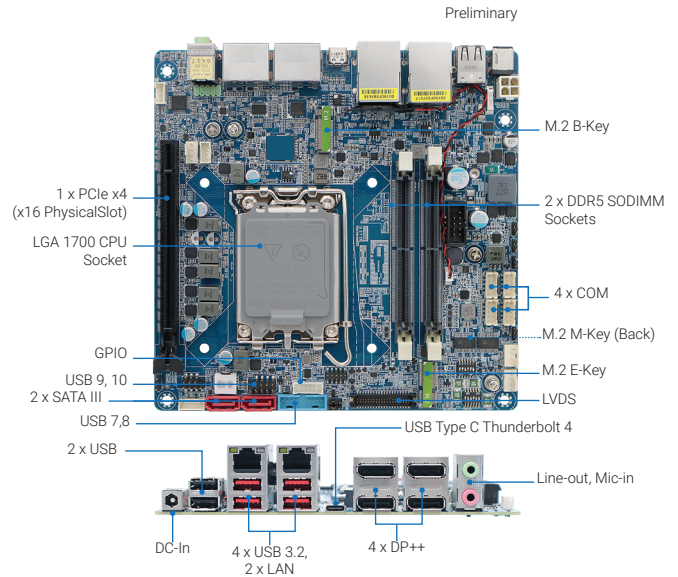


## Features

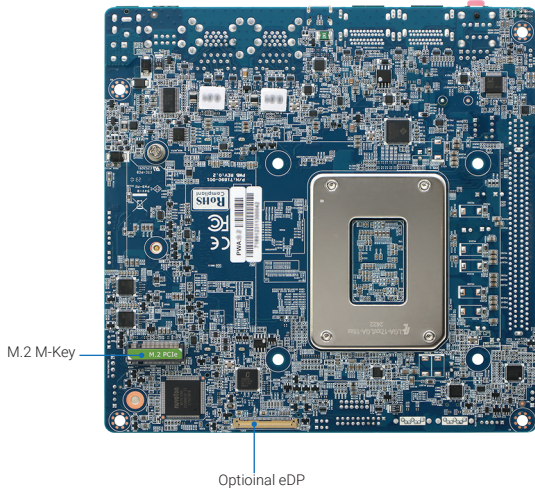
- LGA 1700 socket supports Intel® Core™ 7/5/3 Processor, formerly the Raptor Lake PS (RPL-PS) Platform
- 2 x DDR5 5200MHz SODIMM sockets support up to 96GB
- Intel® Graphics with up to 96 graphics EUs (CPU Dependent)
- 4 x DP++, supports 4 Independent Displays
- Onboard LVDS, optional eDP
- Dual LAN, 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	
<b>CPU</b>	LGA 1700 Supports Intel® Core™ 7/5/3 Processor up to 45W, formerly Raptor Lake PS Platform
<b>System Memory</b>	2 x DDR5 5200MHz SODIMM Sockets support up to 96GB
<b>BIOS</b>	256Mb SPI BIOS
<b>Expansion</b>	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)
<b>TPM</b>	TPM 2.0
<b>OS Support</b>	Win 10 Win 11 Linux Ubuntu
Display	
<b>Chipset</b>	Integrated Intel® Graphics
<b>Display Output</b>	4 x DisplayPort 1.4a @ 60Hz 18/24 bits Dual Channel LVDS. Optional eDP
<b>Multi-Display</b>	Supports 4 Independent Displays
Audio	
<b>Audio Codec</b>	Realtek HD Audio Codec
<b>Interface</b>	1 x Line-out, 1 x Mic-in



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



#### Mechanical & Environment

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

#### Ordering Info

<b>MX-RPLPS</b>	Mini-ITX supports Intel® Core™ Processor
<b>Accessory</b>	1 x SATA Power Cable for Two Devices 1 x Full Height I/O Shield
<b>183000000006</b>	2.00mm pitch 12" length serial cable
<b>182437200040</b>	2.54mm pitch 14" length dual port USB 2.0 cable w/ full height bracket
<b>182000000073</b>	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: 05/10/2024



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