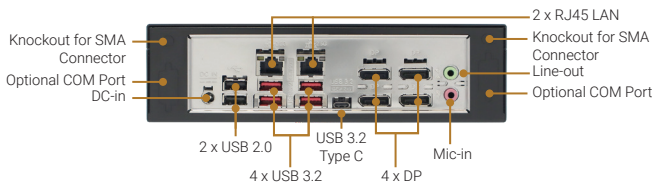
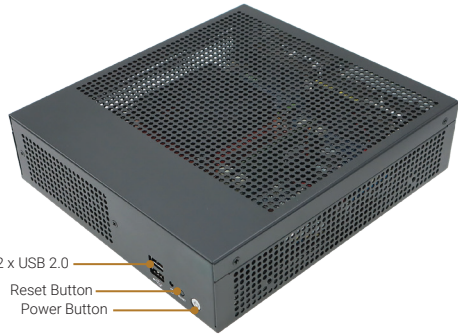
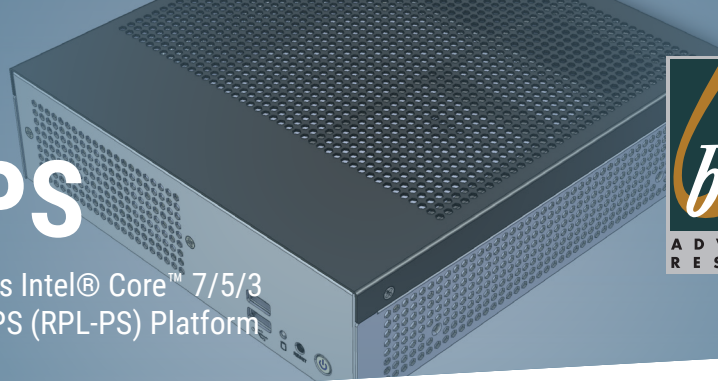




# BI280-RPLPS

Mini-ITX Barebone Computer supports Intel® Core™ 7/5/3 Processor, formerly the Raptor Lake PS (RPL-PS) Platform



## Features

- Motherboard: MX-RPLPS Mini ITX Motherboard Inside
- 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
- 4 x DP++, supports 4 Independent Displays
- Intel® Graphics with up to 96 graphics EUs (CPU Dependent)
- Dual LAN, 2 x Intel® I226-LM 2.5GbE Ethernet Controllers
- 4 x USB 3.2 Gen 2, 2 x USB 3.2 Gen 1, 4 x USB 2.0
- 1 x USB Type C Thunderbolt® 4
- 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
- Optional 2 x COM Ports at rear I/O
- 12-24V Wide Range DC-in
- TPM 2.0

## SPECIFICATIONS

System	
Motherboard	MX-RPLPS Mini-ITX
Processor	LGA 1700 Supports Intel® Core™ 7/5/3 Processor up to 45W, formerly Raptor Lake PS Platform
Memory	2 x DDR5 5200MHz SODIMM Sockets support up to 96GB
Display Chipset	Integrated Intel® Graphics with up to 96 graphics EUs (CPU Dependent)
Ethernet	2 x Intel® Ethernet Controller I226-LM (2.5GbE)
Audio Codec	Realtek HD Audio Codec
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
Supported OS	Win 10, Win 11, Linux Ubuntu
External I/O - Rear	
Display	4 x DisplayPort 1.4a @ 60Hz
USB	4 x USB 3.2 Gen 2 Type A 2 x USB 2.0 Type A
Thunderbolt	1 x USB Type C Thunderbolt 4
LAN	2 x RJ45
Audio	Line-out, Mic-in
DC-in	1 x Barrel Type DC-in Connector
SMA	Optional 2 x COM Ports Optional 2 x Knockout for SMA Connectors



External I/O - Front	
USB	2 x USB 2.0
Power	1 x Power Button
Other	1 x Reset Button 1 x HDD LED Indicator
Mechanical, Power, and Environment	
Power Requirement	24V DC
Power Adapter	Input: 100~240 Vac/50~60Hz Output: 200W Adapter
Operating Temp	0°C ~ 35°C (32°F ~ 95°F)
Storage Temp	-20°C ~ 80°C (-4°F ~ 176°F)
OP Humidity	10% ~ 86% Relative Humidity, Non-condensing
Certification	CE, FCC Class B, RoHS Compliant
Dimensions	8.59" L x 8" W x 2.17" H (218.18mm L x 203.20mm W x 55.01mm H)
Weight	4 lbs (1.8 kgs)

## SPECIFICATIONS / ADDITIONAL PRODUCT PHOTOS



## DIMENSIONS

## ORDERING INFORMATION

Model Name	Motherboard Inside	Part Number
BI280-RPLPS	Barebone Computer with MX-RPLPS Mini ITX inside	

## PACKING LIST

- ✓ 1 x BI280-RPLPS Barebone
- ✓ Power Adapter

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