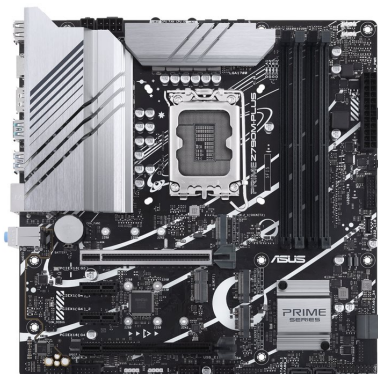


ASUS PRIME Z790M-PLUS - motherboard - micro ATX - LGA1700 Socket - Z790



Not in stock

SKU	90MB1E70-M0EAY0
Product Description:	ASUS PRIME Z790M-PLUS - motherboard - micro ATX - LGA1700 Socket - Z790
Product Type:	Motherboard - micro ATX
Chipset Type:	Intel Z790
Processor Socket:	1 x LGA1700 Socket
Compatible Processors:	(supports 12th and 13th Generation Intel Core / Pentium Gold / Celeron)
Max RAM Size:	128 GB
RAM Supported:	4 DIMM slots - DDR5, non-ECC, on-die ECC, unbuffered

General

Product Type:	Motherboard - micro ATX
Chipset Type:	Intel Z790
Processor Socket:	LGA1700 Socket
Max Processors Qty:	1
Compatible Processors:	(supports 12th and 13th Generation Intel Core / Pentium Gold / Celeron)

Supported RAM

Max Size:	128 GB
Technology:	DDR5
Bus Clock:	5800 MHz (O.C.), 6000 MHz (O.C.), 4800 MHz, 6200 MHz (O.C.), 6400 MHz (O.C.), 6600 MHz (O.C.), 7000 MHz (O.C.), 6800 MHz (O.C.), 7200 MHz (O.C.), 5200 MHz, 5000 MHz, 5600 MHz, 5400 MHz
Supported RAM Integrity Check:	Non-ECC, on-die ECC
Registered or Buffered:	Unbuffered

Miscellaneous

Included Accessories:	IO shield, 2 x M.2 SSD screw package
Cables Included:	2 x Serial ATA cable
Software Included:	ASUS TurboV EVO Utility, ASUS CPU-Z, ASUS AI Suite III, PC Cleaner, WinRAR, Armoury Crate, ASUS Fan Xpert 4, Norton 360 Deluxe (60 days trial)
Compliant Standards:	DisplayPort 1.4
Width:	24.4 cm
Depth:	24.4 cm

Features

BIOS Type:	AMI
BIOS Features:	UEFI BIOS, ASUS EZ Flash 3
Sleep / Wake Up:	Wake on LAN (WOL), wake on PME

Supported RAM

Features: Dual channel memory architecture, Intel Extreme Memory Profiles (XMP)

Audio

Type: HD Audio (8-channel)

Compliant Standards: High Definition Audio

LAN

Network Interfaces: Gigabit Ethernet

Features

Hardware Features: Jack retasking, Q-DIMM, ASUS EZ DIY, Q-Slot, CrashFree BIOS 3, audio jack detect technology, Intel Turbo Boost Technology 2.0, ASUS DIGI+ VRM, Preboot eXecution Environment (PXE), ASUS Stainless Steel Back I/O, LANGuard, overvoltage protection, ASUS 5X Protection III, ASUS ProCool, Water Pump Header, Intel Turbo Boost Max Technology 3.0, ASUS Aura Sync, ASUS OptiMem II, ASUS SafeSlot Core+, 10+1 DrMOS power stages, Q-LED Core, VRM heatsink design, ASUS Enhanced Memory Profile (AEMP) II

Expansion / Connectivity

Expansion Slots: 1 x CPU ; 4 x DIMM 288-pin ; 1 x PCIe 5.0 x16 ; 1 x PCIe 4.0 x16 (x4 mode) ; 2 x PCIe 4.0 x1 ; 2 x M.2 socket (2242/2260/2280 M.2 Key M slot) ; 1 x M.2 socket (2260/2280 M.2 Key M slot) ; 1 x M.2 socket (Key E)

Storage Interfaces: SATA-600 -connectors: 4 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10 / RAID 5 ; PCIe 4.0 -connectors: 2 x M.2 - RAID 0 / RAID 1 / RAID 10 / RAID 5 ; SATA-600 / PCIe 4.0 -connectors: 1 x M.2 - RAID 0 / RAID 1 / RAID 10 / RAID 5

RAID Features: Intel Rapid Storage Technology

Interfaces: 1 x DisplayPort ; 1 x HDMI ; 1 x USB-C 3.2 Gen2x2 ; 1 x USB 3.2 Gen 2 ; 4 x USB 3.2 Gen 1 ; 2 x USB 2.0 ; 1 x audio line-out - mini-jack ; 1 x microphone - mini-jack ; 1 x audio line-in - mini-jack ; 1 x LAN (Gigabit Ethernet)

Internal Interfaces: 1 x USB-C 3.2 Gen 1 - header ; 2 x USB 3.2 Gen 1 - header ; 4 x USB 2.0 - header ; 1 x audio - header ; 1 x serial - header ; 1 x SPDIF out - header ; 1 x SPI - header ; 1 x Thunderbolt - header

Power Connectors: 4-pin ATX12V connector, 24-pin main power connector, 8-pin ATX12V connector