ASUS PRIME Z790M-PLUS Intel Z790 LGA 1700 micro ATX

Brand : ASUS

Product code: 90MB1E70-M1EAY0

Product name : PRIME Z790M-PLUS

Intel Z790, Socket LGA1700, 4 x DIMM, Max. 192GB, DDR5, Ethernet, 192 (128+64) Mb Flash ROM, UEFI AMI BIOS, mATX
ASUS PRIME Z790M-PLUS. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9,.... Supported memory types: DDR5-SDRAM, Maximum internal memory: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: Fast Ethernet, Gigabit Ethernet. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: Intel

Processor	
Processor manufacturer *	Intel
Processor socket *	LGA 1700
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold

Memory	
Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200 MHz
Supported memory clock speed (max)	7200 MHz
Maximum internal memory *	192 GB
Unbuffered memory	✔

Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	7
RAID support	✔
RAID levels	0, 1, 5, 10

Graphics	
Parallel processing technology support *	Not supported
On-board graphics card	✘

Internal I/O	
USB 2.0 connectors *	2

Internal I/O	
EPS power connector (8-pin)	✔
Number of COM connectors	1
TPM connector	✔
Thunderbolt headers	1
12V power connector	✔

Rear panel I/O ports	
USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
DisplayPorts quantity	1
Microphone in	✔

Network	
Ethernet LAN	✔
Ethernet interface type	Fast Ethernet, Gigabit Ethernet
Wi-Fi *	✘

Features	
Motherboard chipset *	Intel Z790
Audio output channels *	7.1 channels
Product colour	Aluminium, Black
Component for *	PC
Motherboard form factor *	micro ATX

Internal I/O	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
Number of SATA III connectors *	4
S/PDIF out connector	✔
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	3

Features	
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 10 x64, Windows 11

Expansion slots	
PCI Express x1 (Gen 4.x) slots	2
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	3

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	192 Mbit

Weight & dimensions	
Width	244 mm
Depth	244 mm

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Publication date: 27-FEB-2025. Prints or copies of Information are only valid on the printed Publication date