

MB s1700 ASUS PRIME Z690-P

Šifra: 35683
 Kategorija proizvoda: Matične ploče
 Proizvođač: ASUS

Cena: **29.030,00**



Model

Brand	ASUS
Model	PRIME Z690-P

Supported CPU

CPU Socket Type	LGA 1700 * Designed with dual mounting holes compatible with both Intel LGA1700 and LGA1200 cooling brackets.
CPU Type	Core / Pentium / Celeron (12th Gen, LGA1700)
Supported CPU Technologies	Supports Intel Turbo Boost Technology 2.0 and Intel Turbo Boost Max Technology 3.0* * Intel Turbo Boost Max Technology 3.0 support depends on the CPU types.

Chipsets

Chipset	Intel Z690
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Onboard Video

Onboard Video Chipset	Supported only by CPU with integrated graphic
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Memory

Number of Memory Slots	4x288pin (DDR5)
Memory Standard	DDR5 6000(OC) / 5800(OC) / 5600(OC) / 5400(OC) / 5200(OC) / 5000(OC) / 4800 * Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).
Maximum Memory Supported	128GB
Channel Supported	Dual Channel

Expansion Slots

PCI Express 5.0 x16	1 x PCI Express 5.0 x16 * Actual support may vary by CPU. * Please check PCIe bifurcation table in support site.
PCI Express 4.0 x16	1 x PCI Express 4.0 x16 * Supports x4 mode.
PCI Express 3.0 x16	2 x PCI Express 3.0 x16 * Support x4 mode.
PCI Express x1	1 x PCIe 3.0 x1
Other Slots	V-M.2 slot only (Key E, CNVi & PCIe)* * Wi-Fi module and vertical M.2 Key E bracket set are purchased separately.

Storage Devices

SATA 6Gb/s	4 x SATA 6Gb/s
M.2	<p>Intel 12th Gen Processors: M.2_1 slot (Key M), type 2242/2260/2280/22110 - Intel 12th Gen processors support PCIe 4.0 x4 mode.</p> <p>Intel Z690 Chipset:** M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode) M.2_3 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 & SATA modes)</p> <p>* Intel Rapid Storage Technology supports NVMe RAID 0/1/5, SATA RAID 0/1/5/10. ** Intel Rapid Storage Technology supports Intel Optane Memory H Series on PCH attached M.2 slots.</p>
Intel Optane Ready	Yes

Onboard Audio

Audio Channels	7.1 Channels
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Onboard LAN

LAN Chipset	Realtek 2.5Gb Ethernet
Max LAN Speed	10/100/1000/2500Mbps

Rear Panel Ports

Back I/O Ports	<p>1 x USB 3.2 Gen 2x2 port (1 x USB Type-C) 1 x USB 3.2 Gen 2 port (1 x Type-A) 2 x USB 3.2 Gen 1 ports (2 x Type-A) 2 x USB 2.0 ports (2 x Type-A) 1 x DisplayPort 1 x HDMI port 1 x Realtek 2.5Gb Ethernet port 5 x Audio jacks 1 x Optical S/PDIF out port 1 x PS/2 Keyboard/Mouse combo port</p>
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Internal I/O Connectors

Onboard USB	<p>1 x USB 3.2 Gen 1 connector (supports USB Type-C) 2 x USB 3.2 Gen 1 headers support additional 4 USB 3.2 Gen 1 ports 2 x USB 2.0 headers support additional 4 USB 2.0 ports</p>
Other Connectors	<p>Fan and Cooling related 1 x 4-pin CPU Fan header 1 x 4-pin CPU OPT Fan header 1 x 4-pin AIO Pump header 3 x 4-pin Chassis Fan headers Miscellaneous 3 x Addressable Gen 2 headers 2 x AURA RGB headers 1 x Clear CMOS header 1 x COM Port header 1 x Front Panel Audio header (AAFP) 1 x SPI TPM header (14-1pin) 1 x 20-5pin System Panel header 1 x Thunderbolt header</p>

Physical Spec

Form Factor	ATX
LED Lighting	RGB
Dimensions (W x L)	12.0" x 9.2"
Power Pin	<p>1 x 24-pin Main Power connector 1 x 8-pin +12V Power connector 1 x 4-pin +12V Power connector</p>

Windows Compatibility

Windows 11	Ready
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Features

Features

Special Features:

ASUS 5X PROTECTION III

- DIGI+ VRM (- Digital power design with DrMOS)
- LANGuard
- Overvoltage Protection
- SafeSlot
- Stainless-Steel Back I/O

ASUS Q-Design

- Q-DIMM
- Q-Slot

ASUS Thermal Solution

- Flexible M.2 heatsink
- VRM heatsink design

ASUS EZ DIY

- ProCool

AURA Sync

- AURA RGB headers
- Addressable Gen 2 RGB headers

Software Features:

ASUS Exclusive Software

Armoury Crate

- AURA Sync
- Fan Xpert 4

AI Suite 3

- Performance And Power Saving Utility

TurboV EVO

EPU

DIGI+ VRM

ASUS CPU-Z

Norton Anti-virus software (Free Trial version)

WinRAR

UEFI BIOS

ASUS EZ DIY

- ASUS CrashFree BIOS 3
- ASUS EZ Flash 3
- ASUS UEFI BIOS EZ Mode

BIOS:

192 (128+64) Mb Flash ROM, UEFI AMI BIOS

Manageability:

WOL by PME, PXE

Operating System:

Windows 11 64-bit, Windows 10 64-bit

Packaging

Package Contents

Accessories:

Cables

2 x SATA 6Gb/s cables

Miscellaneous

1 x I/O Shield

1 x M.2 Rubber Package

2 x M.2 SSD screw packages

Installation Media

1 x Support DVD

Documentation

1 x User guide