

MB s1700 ASRock Z790 PG LIGHTNING 90-MXBKA0-A0UAYZ

Šifra: 61782

Kategorija proizvoda: INTEL MATIČNE PLOČE

Proizvođač: asrock

Cena: **19.410,00** rsd.



CPU

- Supports 13th Gen & 12th Gen Intel® Core™ Processors (LGA1700)
- Supports Intel® Hybrid Technology
- Supports Intel® Turbo Boost Max 3.0 Technology
- Supports Intel® Thermal Velocity Boost (TVB)
- Supports Intel® Adaptive Boost Technology (ABT)

Chipset

- Intel® Z790

Memory

- Dual Channel DDR5 Memory Technology
- 4 x DDR5 DIMM Slots
- Supports DDR5 non-ECC, un-buffered memory up to 7200+(OC)*
- Max. capacity of system memory: 192GB
- Supports Intel® Extreme Memory Profile (XMP) 3.0

*1DPC 1R Up to 7200+ MHz (OC), 4800 MHz Natively.
1DPC 2R Up to 6000+ MHz (OC), 4400 MHz Natively.
2DPC 1R Up to 5600+ MHz (OC), 4000 MHz Natively.
2DPC 2R Up to 4800+ MHz (OC), 3600 MHz Natively.

BIOS

- 128Mb AMI UEFI Legal BIOS with GUI support

Graphics

- Intel® Xe Graphics Architecture (Gen 12)
- 1 x eDP 1.4, supports max. resolution up to Full HD 60Hz
- 1 x HDMI 2.1 TMDS Compatible, supports HDCP 2.3 and max. resolution up to 4K 60Hz

*Intel® UHD Graphics Built-in Visuals and the VGA outputs can be supported only with processors which

are GPU integrated.

Audio

- 7.1 CH HD Audio (Realtek ALC897 Audio Codec)
- Nahimic Audio

LAN

- 2.5 Gigabit LAN 10/100/1000/2500 Mb/s
- Dragon RTL8125BG
- Supports Phantom Gaming LAN Software
- Smart Auto Adjust Bandwidth Control
- Visual User Friendly UI
- Visual Network Usage Statistics
- Optimized Default Setting for Game, Browser, and Streaming Modes
- User Customized Priority Control

Slots

CPU:

- 1 x PCIe 5.0 x16 Slot (PCIe1), supports x16 mode*

Chipset:

- 1 x PCIe 4.0 x16 Slot (PCIe4), supports x4 mode*
- 3 x PCIe 3.0 x1 Slots (PCIe2, PCIe3 and PCIe5)*
- 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module and Intel® CNVio/CNVio2 (Integrated WiFi/BT)
- Supports AMD CrossFire™

*Supports NVMe SSD as boot disks

Storage

CPU:

- 1 x Hyper M.2 Socket (M2_1, Key M), supports type 2242/2260/2280 PCIe Gen4x4 (64 Gb/s) mode*

Chipset:

- 1 x Hyper M.2 Socket (M2_2, Key M), supports type 2242/2260/2280 PCIe Gen4x4 (64 Gb/s) mode*
- 1 x Hyper M.2 Socket (M2_3, Key M), supports type 2260/2280 SATA3 6.0 Gb/s & PCIe Gen4x4 (64 Gb/s) modes*
- 1 x Hyper M.2 Socket (M2_4, Key M), supports type 2260/2280 PCIe Gen4x4 (64 Gb/s) mode*
- 4 x SATA3 6.0 Gb/s Connectors

*Supports Intel® Volume Management Device (VMD)
Supports NVMe SSD as boot disks

RAID

- Supports RAID 0, RAID 1, RAID 5 and RAID 10 for SATA storage devices
- Supports RAID 0, RAID 1 and RAID 5 for M.2 NVMe storage devices

USB

- 1 x USB 3.2 Gen2x2 Type-C (Rear)
- 1 x USB 3.2 Gen2 Type-A (Rear)
- 1 x USB 3.2 Gen1 Type-C (Front)
- 9 x USB 3.2 Gen1 Type-A (5 Rear, 4 Front)
- 3 x USB 2.0 (1 Rear, 2 Front)

*All USB ports support ESD Protection

Connector

- 1 x eDP Signal Connector
- 1 x SPI TPM Header
- 1 x Power LED and Speaker Header
- 1 x RGB LED Header*
- 3 x Addressable LED Headers**
- 1 x CPU Fan Connector (4-pin)***
- 1 x CPU/Water Pump Fan Connector (4-pin) (Smart Fan Speed Control)****
- 5 x Chassis/Water Pump Fan Connectors (4-pin) (Smart Fan Speed Control)*****
- 1 x 24 pin ATX Power Connector
- 2 x 8 pin 12V Power Connectors (Hi-Density Power Connector)
- 1 x Front Panel Audio Connector
- 1 x Thunderbolt™ AIC Connector (5-pin) (Supports ASRock Thunderbolt™ 4 AIC Card)
- 1 x USB 2.0 Header (Supports 2 USB 2.0 ports)
- 2 x USB 3.2 Gen1 Headers (Support 4 USB 3.2 Gen1 ports)
- 1 x Front Panel Type C USB 3.2 Gen1 Header

*Supports in total up to 12V/3A, 36W LED Strip

**Support in total up to 5V/3A, 15W LED Strip

***CPU_FAN1 supports the fan power up to 1A (12W).

**** CPU_FAN2/WP supports the fan power up to 2A (24W).

*****CHA_FAN1~5/WP support the fan power up to 2A (24W).

CPU_FAN2/WP and CHA_FAN1~5/WP can auto detect if 3-pin or 4-pin fan is in use.

Rear Panel I/O

- 2 x Antenna Mounting Points
- 1 x PS/2 Mouse/Keyboard Port
- 1 x HDMI Port
- 1 x USB 3.2 Gen2 Type-A Port (10 Gb/s)
- 1 x USB 3.2 Gen2x2 Type-C Port (20 Gb/s)
- 5 x USB 3.2 Gen1 Ports
- 1 x USB 2.0 Port
- 1 x RJ-45 LAN Port
- HD Audio Jacks: Line in / Front Speaker / Microphone

Software and UEFI

Software

- ASRock Motherboard Utility (Phantom Gaming Tuning)
- ASRock Phantom Gaming LAN Software
- ASRock Polychrome SYNC*

UEFI

- ASRock EZ Mode

- ASRock Full HD UEFI
- ASRock My Favorites in UEFI
- ASRock Auto Driver Installer
- ASRock Instant Flash
- ASRock Easy RAID Installer

Form Factor

- ATX Form Factor: 12.0-in x 9.6-in, 30.5 cm x 24.4 cm