



ASRock

MB s1700 ASRock Z790 PG LIGHTNING 90-MXBKA0-A0UAYZ

Dostupnost: NA STANJU

MP cena: 19.490,00 din

Šifra proizovda: 29870

17.090,00 din

Ušteda: 2.400,00 din

Specifikacija

- 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 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

• BACK PANEL CONNECTORS

- 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