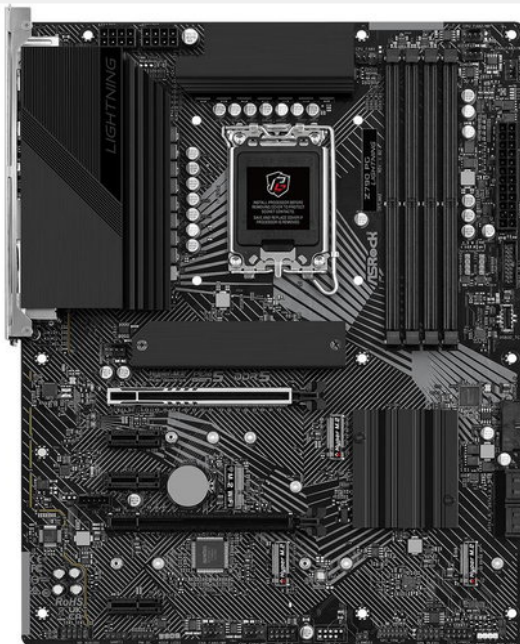




**Mainboard
ASROCK Intel
Z790 LGA1700
ATX Memory
DDR5 Memory
slots 4 3xPCI-
Express 3.0 1x
1xPCI-Express
4.0 16x 1xPCI-
Express 5.0 16x
4xM.2 1xHDMI
1xAudio-In
1xAudio-Out
1xMicrophone
1xUSB 2.0
6xUSB 3.2
1xUSB-C 1xRJ45
Z790PGLIGHTNING**

Modelis: Z790PGLIGHTNING

Gamintojas: ASROCK

EAN: 4710483940965

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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154.99€

Dr. MOS

Dr.MOS is the integrated power stage solution which is optimized for synchronous buck-set down voltage applications! Compared to traditional discrete MOSFETs, it intelligently delivers higher current for each phase, thus providing improved thermal result and superior performance.

14+1+1 Power Phase Design

Featuring sturdy components and completely smooth power delivery to the CPU. Plus, it offers unmatched overclocking capabilities and enhanced performance with the lowest temperature for advanced gamers as well.

6 Layer PCB

The 6 Layer PCB provides stable signal traces and power shapes delivering lower temperature and higher energy efficiency for memory overclocking! Thus, it's able to support the latest memory modules with most extreme memory performance!

DDR5 XMP & EXPO Support

Derived from the “built for stable and reliable” designing concept, ASRock does not compromise on any details. This motherboards is built with low-loss materials, enthusiasts are able to enjoy the boost of DDR5 memory overclocking performance by enabling the pre-tested profiles. Make sure the memory modules are Intel® XMP/AMD EXPO™ capable and overclocking can be made so affordable, satisfying and absolutely no sweat at all.

PCIe 5.0 + Surface-Mount Tech

Compares to conventional DIP style PCIe slot, the SMT type PCIe slot improves signal flow and maximize stability under high speed, a key breakthrough to fully support the lighting speed of the

latest PCIe 5.0 standard.

The latest PCI Express 5.0 is capable to perform a breathtaking bandwidth of 128GBps, ready to unleash the full potential of future high end graphic cards.

Reinforced Steel Slot

[PCIe 5.0 Version]

The reinforced steel slot is capable of supporting PCI Express 5.0 standard. The various benefits include:

- ✓ Extra anchor points
- ✓ Stronger latch
- ✓ Ensure signal stability
- ✓ Make sure heavy graphics cards to be well-installed.

Audio That Matters

Whether you are using headphones, a headset, external or internal speakers, via USB, Wi-Fi, analog output or even HDMI, Nahimic Audio offers you the most engaging listening experience, vibrant and rich with details.

Enhance Communication Quality

The Powerful algorithms to ensure the best noise-free conversation, giving a constant vocal level no matter the distance from your mic. The Nahimic audio engine dynamically clear the sound and remove interference noise and lower the voice variation. Result is a better comprehension and less fatigue.

- Static Noise Suppression
- Echo Cancellation
- Lateral Sound Cancellation
- Voice Stabilizer

Ultimate Gaming Experience

- Sound Tracker

The Sound Tracker is a visual indicator that points out the directions from which predominant sounds are coming. Each sound is properly positioned in 360° on a radar for a full immersion during the game.

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●Works on any devices!

Enjoy the vibrant and high-quality Surround Sound on all your favorite audio devices: Jack, USB, Bluetooth, HDMI, S/PDIF. Nahimic is compatible with all of your favorite audio tools and ensures the best sound with any of them. Nahimic measure and improve to optimize our technology and offer you the best experience.

POLYCHROME RGB

This motherboard features onboard RGB headers and an addressable RGB header that allow motherboard to be connected to compatible LED devices such as strip, CPU fans, coolers, chassis and so on. Users may also synchronize RGB LED devices across the Polychrome RGB Sync-certified accessories to create their own unique lighting effects

PCIe Gen4 x4 for SSD

This motherboard is capable of accomadating multiple M.2 storage devices, one of which can support PCI Express 4.0 M.2 SSD, it is capable of performing twice the speed compared to previous 3rd generation, giving a lightning fast data transferring experience.

Anti-Drop Screw

Tired of dropping screws or screws missing inside chassis?

The enhanced M.2 heatsink with anti-drop screw design that make sure installation process more easily.

Dragon 2.5 Gb/S LAN

The intelligent 2.5Gb/s LAN platform is built for maximum networking performance for the demanding requirements of home networking, content creators, online gamers and high-quality streaming media. Boost networking performance up to 2.5X the bandwidth compared to the standard gigabit Ethernet, you'll enjoy the faster and uncompromised connectivity experience for gaming, file transfers and backups.

Rear USB 3.2 Gen2x2 Type-C

The latest USB 3.2 Gen2x2 Type-C delivers up to 20 Gbps data transfer rate which is 2x as fast as previous generation, providing a blazing fast data transfer interface with reversible USB Type-C design that fits the connector either way.

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Built In EDP Signal Connector

Supports ASRock 13.3" Side Panel Kit

An eDP signal connector is built with ASRock selected motherboards and supports two functions simultaneously - power and transmission of digital display signal. The connector reserves the room for upgrading with ASRock's exclusive 13.3" Side Panel Kit.. The ideal 13.3" Side Panel size will be perfectly matched standard form factor chassis and users can easily build a LCD display inside the PC, adding a sub-screen for monitoring PC status, or watching videos, doing streaming or working personalized tasks. This whole new concept of customization enables new possibilities for personalizing designs - doubles productivity or entertainment.

- Supports 13th Gen & 12th Gen Intel® Core™ Processors
- 14+1+1 Phase Power Design, Dr.MOS for VCore+GT
- 4 x DDR5 DIMMs, supports up to 6800+(OC)
- 1 PCIe 5.0 x16, 1 PCIe 4.0 x16, 3 PCIe 3.0 x1, 1 M.2 Key-E for WiFi
- Graphics Output Options: 1 HDMI, eDP
- 7.1 CH HD Audio (Realtek ALC897 Audio Codec), Nahimic Audio
- 1 Hyper M.2 (PCIe Gen4x4 & SATA3), 3 Hyper M.2 (PCIe Gen4x4), 4 SATA3
- 1 USB 3.2 Gen2x2 Type-C (Rear), 1 USB 3.2 Gen2 Type-A (Rear), 1 USB 3.2 Gen1 Type-C (Front), 9 USB 3.2 Gen1 Type-A (5 Rear, 4 Front), 3 USB 2.0 (1 Rear, 2 Front)
- Realtek 2.5G LAN

Summary: Asrock Z790 PG Lightning. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 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: 2.5 Gigabit Ethernet, LAN controller: Dragon RTL8125BG. Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel | Vendor Homepage: <https://www.asrock.com/mb/Intel/Z790%20PG%20Lightning/index.asp> | Audio chip: Realtek ALC897 | Audio output channels: 7.1 | Component for: PC | Motherboard chipset: Intel Z790 | Motherboard chipset family: Intel | Motherboard form factor: ATX | Windows operating systems supported: Windows 10 x64/Windows 11 x64 | Compatible processor series: Intel® Core™ i5/Intel® Core™ i7/Intel® Core™ i9 | Maximum number of SMP processors: 1 | Processor manufacturer: Intel | Processor socket: LGA 1700 | ECC compatibility: Non-ECC | Maximum internal memory: 128 | Memory channels: Dual-channel | Memory slots type: DIMM | Number of memory slots: 4 | Supported

memory types: DDR5-SDRAM | Unbuffered memory: Yes | RAID levels: 0/1/10/5 | RAID support: Yes | Supported storage drive interfaces: M.2,SATA III | Supported storage drive types: HDD & SSD | ATX Power connector (24-pin): Yes | CPU fan connector: Yes | Front panel audio connector: Yes | Number of SATA III connectors: 4 | RGB LED pin header: Yes | Thunderbolt headers: 1 | TPM connector: Yes | USB 2.0 connectors: 1 | USB 3.2 Gen 1 (3.1 Gen 1) connectors: 2 | USB 3.2 Gen 2 (3.1 Gen 2) connectors: 1 | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | Headphone outputs: 1 | Microphone in: Yes | PS/2 ports quantity: 1 | USB 2.0 ports quantity: 1 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 5 | 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 interface type: 2.5 Gigabit Ethernet | Ethernet LAN: Yes | LAN controller: Dragon RTL8125BG | Wi-Fi: No | Number of M.2 (M) slots: 1 | PCI Express x1 (Gen 3.x) slots: 3 | PCI Express x16 (Gen 4.x) slots: 1 | PCI Express x16 (Gen 5.x) slots: 1 | BIOS memory size: 128 | BIOS type: UEFI AMI | Depth: 244 | Width: 305 | Product Net Weight: 1.1 | Shipping Box Height: 7.5 | Unit Calculated Volume: 0.008121 | Unit Calculated Weight: 1.47 | Units per Shipping Box: 1 | Model: Z790 PG LIGHTNING