

# ASUS PRIME Z790-P WIFI D4/LGA 1700/ATX

**cena vč DPH:** **7259 Kč**

**cena bez DPH:** 5999 Kč

**Kód zboží (ID):** 5493225

**PN:** 90MB1DB0-M0EAY0

**Záruka:** 36 měsíců



CPU Intel® Socket LGA1700 for 13th Gen Intel® Core™ Processors & 12th Gen Intel® Core™, Pentium® Gold and Celeron® Processors\* Supports Intel® Turbo Boost Technology 2.0 and Intel® Turbo Boost Max Technology 3.0. Refer to [www.asus.com](http://www.asus.com) for CPU support list. \*\* Intel® Turbo Boost Max Technology 3.0 support depends on the CPU types. Chipset Intel® Z790 Chipset Pallet 4 x DIMM Max. 128GB, DDR4 5333(OC)/5133(OC)/5066(OC)/5000(OC)/4800(OC)/4700(OC)/4600(OC)/4500(OC)/4400(OC)/4266(OC)/4133(OC)/4000(OC)/3866(OC)/3733(OC)/3600(OC)/3466(OC)/3400(OC)/3333(OC)/3200/3000/2933/2800/2666/2400/2133 Non-ECC, Un-buffered Memory\* Dual Channel Memory Architecture Supports Intel® Extreme Memory Profile (XMP) OptiMem II \* Supported memory types, data rate(Speed), and number of DRAM modules vary depending on the CPU and memory configuration, for more information refer to [www.asus.com](http://www.asus.com) for memory support list. Grafika 1 x DisplayPort\*\* 1 x HDMI® port\*\*\* \*Graphics specifications may vary between CPU types. Please refer to [www.intel.com](http://www.intel.com) for any updates. \*\* Supports max. 4K@60Hz as specified in DisplayPort 1.4. \*\*\* Supports 4K@60Hz as specified in HDMI 2.1. Rozšiřující sloty Intel® 13th & 12th Gen Processors\* 1 x PCIe 5.0 x16 slot Intel® Z790 Chipset 3 x PCIe 4.0 x16 slots (support x4 mode) 1 x PCIe 3.0 x1 slot \* Please check the PCIe bifurcation table on the support site (<https://www.asus.com/support/FAQ/1037507/>). - To ensure compatibility of the device installed, please refer to <https://www.asus.com/support/> for the list of supported peripherals. Úložiště Total supports 3 x M.2 slots and 4 x SATA 6Gb/s ports\* Intel® 13th & 12th Gen Processors M.2\_1 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 mode) Intel® Z790 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) 4 x SATA 6Gb/s ports \* Intel® Rapid Storage Technology supports PCIe RAID 0/1/5/10, SATA RAID 0/1/5/10. Ethernet 1 x Realtek 2.5Gb Ethernet Bezdrátové připojení a Bluetooth Wi-Fi 6 2x2 Wi-Fi 6 (802.11 a/b/g/n/ac/ax) Supports 2.4/5GHz frequency band

Bluetooth® v5.2 USB Rear USB (Total 8 ports) 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) 4 x USB 2.0 ports (4 x Type-A) Front USB (Total 9 ports) 1 x USB 3.2 Gen 2 connector (supports USB Type-C®) 2 x USB 3.2 Gen 1 headers support 4 additional USB 3.2 Gen 1 ports 2 x USB 2.0 headers support 4 additional USB 2.0 ports \* USB\_E1 port, USB\_E2 port, USB\_E3 port and USB\_E4 port share the bandwidth. \* USB\_E5 port, USB\_E6 port, USB\_E7 port and USB\_E8 port share the bandwidth. Audio Realtek 7.1 Surround Sound High Definition Audio CODEC\* - Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking - Supports up to 24-Bit/192 kHz playback Audio Features - Audio Shielding - Premium audio capacitors - Dedicated audio PCB layers \* A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output. Porty na zadním panelu 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) 4 x USB 2.0 ports (4 x Type-A) 1 x DisplayPort 1 x HDMI® port 1 x Wi-Fi Module 1 x Realtek 2.5Gb Ethernet port 3 x Audio jacks 1 x PS/2 Keyboard/Mouse combo port Interní konektory 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 Power related 1 x 24-pin Main Power connector 1 x 8-pin +12V Power connector 1 x 4-pin +12V Power connector Storage related 3 x M.2 slots (Key M) 4 x SATA 6Gb/s ports USB 1 x USB 3.2 Gen 2 connector (supports USB Type-C®) 2 x USB 3.2 Gen 1 headers support 4 additional USB 3.2 Gen 1 ports 2 x USB 2.0 headers support 4 additional USB 2.0 ports Miscellaneous 3 x Addressable Gen 2 headers 1 x Aura RGB header 1 x Clear CMOS header 1 x COM Port header 1 x Front Panel Audio header (AAFP) 1 x S/PDIF Out header 1 x SPI TPM header (14-1pin) 1 x 20-5pin System Panel header 1 x Thunderbolt™ (USB4®) Header Speciální funkce ASUS 5X PROTECTION III - DIGI+ VRM (- Digital power design with DrMOS) - LANGuard - Overvoltage Protection - SafeSlot Core+ - Stainless-Steel Back I/O ASUS Q-Design - Q-DIMM - Q-Slot - Q-LED Core ASUS Thermal Solution - Flexible M.2 heatsink - VRM heatsink design ASUS EZ DIY - ProCool Aura Sync - Aura RGB header - Addressable Gen 2 headers Softwarové funkce ASUS Exclusive Software Armoury Crate - Aura Sync - Fan Xpert 4 (with AI Cooling II) - Power Saving AI Suite 3 -TurboV EVO -PC Cleaner -DIGI+ VRM ASUS CPU-Z MyASUS Norton 360 Deluxe (60 Days Free Trial) 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 Správa WOL by PME, PXE Příslušenství Cables 2 x SATA 6Gb/s cables Miscellaneous 1 x ASUS Wi-Fi moving antennas 1 x I/O Shield 1 x M.2 Rubber Package 2 x Screw packages for M.2 SSD Documentation 1 x User guide Operační systém Windows® 11, Windows® 10 64-bit Velikost ATX Form Factor 12 inch x 9.2 inch ( 30.5 cm x 23.4 cm )

CPU Intel® Socket LGA1700 for 13th Gen Intel® Core™ Processors & 12th Gen Intel® Core™, Pentium® Gold and Celeron® Processors\* Supports Intel® Turbo Boost Technology 2.0 and Intel® Turbo Boost Max Technology 3.0\*\* \* Refer to [www.asus.com](http://www.asus.com) for CPU support list. \*\* Intel® Turbo Boost Max Technology 3.0 support depends on the CPU types. Chipset Intel® Z790 Chipset Paměť 4 x DIMM,

Max. 128GB, DDR4 5333(OC)/5133(OC)/5066(OC)/5000(OC)/4800(OC)/4700(OC)/4600(OC)/4500(OC)/4400(OC)/4266(OC)/4133(OC)/4000(OC)/3866(OC)/3733(OC)/3600(OC)/3466(OC)/3400(OC)/3333(OC)/3200/3000/2933/2800/2666/2400/2133 Non-ECC, Un-buffered Memory\* Dual Channel Memory Architecture Supports Intel® Extreme Memory Profile (XMP) OptiMem II \* Supported memory types, data rate(Speed), and number of DRAM modules vary depending on the CPU and memory configuration, for more information refer to [www.asus.com](http://www.asus.com) for memory support list. Grafika 1 x DisplayPort\*\* 1 x HDMI® port\*\*\* \*Graphics specifications may vary between CPU types. Please refer to [www.intel.com](http://www.intel.com) for any updates. \*\* Supports max. 4K@60Hz as specified in DisplayPort 1.4. \*\*\* Supports 4K@60Hz as specified in HDMI 2.1. Rozšiřující sloty Intel® 13th & 12th Gen Processors\* 1 x PCIe 5.0 x16 slot Intel® Z790 Chipset 3 x PCIe 4.0 x16 slots (support x4 mode) 1 x PCIe 3.0 x1 slot \* Please check the PCIe bifurcation table on the support site (<https://www.asus.com/support/FAQ/1037507/>). - To ensure compatibility of the device installed, please refer to <https://www.asus.com/support/> for the list of supported peripherals. Úložiště Total supports 3 x M.2 slots and 4 x SATA 6Gb/s ports\* Intel® 13th & 12th Gen Processors M.2\_1 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 mode) Intel® Z790 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) 4 x SATA 6Gb/s ports \* Intel® Rapid Storage Technology supports PCIe RAID 0/1/5/10, SATA RAID 0/1/5/10. Ethernet 1 x Realtek 2.5Gb Ethernet Bezdrátové připojení a Bluetooth Wi-Fi 6 2x2 Wi-Fi 6 (802.11 a/b/g/n/ac/ax) Supports 2.4/5GHz frequency band Bluetooth® v5.2 USB Rear USB (Total 8 ports) 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) 4 x USB 2.0 ports (4 x Type-A) Front USB (Total 9 ports) 1 x USB 3.2 Gen 2 connector (supports USB Type-C®) 2 x USB 3.2 Gen 1 headers support 4 additional USB 3.2 Gen 1 ports 2 x USB 2.0 headers support 4 additional USB 2.0 ports \* USB\_E1 port, USB\_E2 port, USB\_E3 port and USB\_E4 port share the bandwidth. \* USB\_E5 port, USB\_E6 port, USB\_E7 port and USB\_E8 port share the bandwidth. Audio Realtek 7.1 Surround Sound High Definition Audio CODEC\* - Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking - Supports up to 24-Bit/192 kHz playback Audio Features - Audio Shielding - Premium audio capacitors - Dedicated audio PCB layers \* A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output. Porty na zadním panelu 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) 4 x USB 2.0 ports (4 x Type-A) 1 x DisplayPort 1 x HDMI® port 1 x Wi-Fi Module 1 x Realtek 2.5Gb Ethernet port 3 x Audio jacks 1 x PS/2 Keyboard/Mouse combo port Interní konektory 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 Power related 1 x 24-pin Main Power connector 1 x 8-pin +12V Power connector 1 x 4-pin +12V Power connector Storage related 3 x M.2 slots (Key M) 4 x SATA 6Gb/s ports USB 1 x USB 3.2 Gen 2 connector (supports USB Type-C®) 2 x USB 3.2 Gen 1 headers support 4 additional USB 3.2 Gen 1 ports 2 x USB 2.0 headers support 4 additional USB 2.0 ports Miscellaneous 3 x Addressable Gen 2 headers 1 x Aura RGB header 1 x Clear CMOS header 1 x COM Port header 1 x Front Panel Audio header (AAFP) 1 x S/PDIF Out header 1 x SPI TPM header (14-1pin) 1 x 20-5pin System Panel header 1 x Thunderbolt™ (USB4®) Header Speciální funkce ASUS 5X PROTECTION III - DIGI+ VRM (- Digital power design with

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