

ASRock Z790 Pro RS WiFi / Intel Z790 / LGA1700 / 4x DDR5 DIMM / 4x M.2 / HDMI / DP / USB-C / ATX

cena vč DPH: **5615 Kč**

cena bez DPH: 4641 Kč

Kód zboží (ID): 5555626

PN: Z790-PRO-RS-WIFI

Záruka: 36 měsíců



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 7200+(OC) 1 PCIe 5.0 x16, 1 PCIe 4.0 x16, 2 PCIe 3.0 x1 Graphics Output Options: 1 HDMI, 1 DisplayPort, eDP 7.1 CH HD Audio (Realtek ALC897 Audio Codec), Nahimic Audio 4 Hyper M.2 (PCIe Gen4x4), 8 SATA3 1 USB 3.2 Gen2x2 Type-C (Front), 1 USB 3.2 Gen2 Type-C (Rear), 1 USB 3.2 Gen2 Type-A (Rear), 6 USB 3.2 Gen1 (2 Rear, 4 Front), 8 USB 2.0 (4 Rear, 4 Front) Realtek 2.5G LAN 802.11ax Wi-Fi 6E + Bluetooth Unique Feature Superb Productivity - PCIe Gen5 (Graphics) - Dual Channel DDR5 Rock-Solid Durability - 14+1+1 Power Phase, 50A Dr.MOS for VCore+GT with Enlarged Heatsink Armor - Flexible Integrated I/O Shield Ultrafast Connectivity - 2.5G LAN, 802.11ax Wi-Fi 6E Module EZ Update - ASRock Auto Driver Installer EZ Troubleshooter - ASRock Post Status Checker 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 - 1 x DisplayPort 1.4 with DSC (compressed), supports HDCP 2.3 and max. resolution up to 8K 60Hz / 5K 120Hz

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 Dragon 2.5G 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 Wireless LAN - 802.11ax Wi-Fi 6E Module - Supports IEEE 802.11a/b/g/n/ac/ax - Supports Dual-Band 2x2 with extended 6GHz band support - 2 antennas to support 2 (Transmit) x 2 (Receive) diversity technology - Supports Bluetooth + High speed class II - Supports MU-MIMO *Wi-Fi 6E (6GHz band) will be supported by Microsoft® Windows® 11. The availability will depend on the different regulation status of each country and region. It will be activated (for supported countries) through Windows® Update and software updates once available. A 6GHz compatible router is required for 6E functionality. Slots CPU: - 1 x PCIe 5.0 x16 Slot (PCIe2), supports x16 mode* Chipset: - 1 x PCIe 4.0 x16 Slot (PCIe3), supports x4 mode* - 2 x PCIe 3.0 x1 Slots (PCIe1 and PCIe4)* - 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 2260/2280 PCIe Gen4x4 (64 Gb/s) mode* - 1 x Hyper M.2 Socket (M2_3, Key M), supports type 2260/2280 PCIe Gen4x4 (64 Gb/s) mode* - 1 x Hyper M.2 Socket (M2_4, Key M), supports type 2260/2280 PCIe Gen4x4 (64 Gb/s) mode* - 8 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 (Front) - 1 x USB 3.2 Gen2 Type-C (Rear) - 1 x USB 3.2 Gen2 Type-A (Rear) - 6 x USB 3.2 Gen1 (2 Rear, 4 Front) - 8 x USB 2.0 (4 Rear, 4 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) - 2 x USB 2.0 Headers (Support 4 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 Gen2x2 Header (20 Gb/s) *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 Ports - 1 x PS/2 Mouse/Keyboard Port - 1 x HDMI Port - 1 x DisplayPort 1.4 - 1 x USB 3.2 Gen2 Type-A Port (10 Gb/s) - 1 x USB 3.2 Gen2 Type-C Port (10 Gb/s) - 2 x USB 3.2 Gen1 Ports - 4 x USB 2.0 Ports - 1 x RJ-45 LAN Port - HD Audio Jacks: Line in / Front Speaker / Microphone Software and UEFI Software - ASRock Motherboard Utility (A-Tuning) - ASRock Dragon 2.5G 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 *These utilities can be downloaded from ASRock Live Update & APP Shop. Accessories - 1 x User Manual - 2 x SATA Data Cables - 2 x ASRock WiFi 2.4/5/6 GHz Antennas - 4 x Screws for M.2 Sockets - 1 x Standoff for M.2 Socket Form Factor - ATX Form Factor: 12.0-in x 9.6-in, 30.5 cm x 24.4 cm - 2oz Copper PCB OS - Microsoft® Windows® 10 64-bit / 11 64-bit *Windows® 10 only supports version 21H2 or later Certifications - FCC, CE - ErP/EuP ready (ErP/EuP ready power supply is required)

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 7200+(OC) 1 PCIe 5.0 x16, 1 PCIe 4.0 x16, 2 PCIe 3.0 x1 Graphics Output Options: 1 HDMI, 1 DisplayPort, eDP 7.1 CH HD Audio (Realtek ALC897 Audio Codec), Nahimic Audio 4 Hyper M.2 (PCIe Gen4x4), 8 SATA3 1 USB 3.2 Gen2x2 Type-C (Front), 1 USB 3.2 Gen2 Type-C (Rear), 1 USB 3.2 Gen2 Type-A (Rear), 6 USB 3.2 Gen1 (2 Rear, 4 Front), 8 USB 2.0 (4 Rear, 4 Front) Realtek 2.5G LAN 802.11ax Wi-Fi 6E + Bluetooth Unique Feature Superb Productivity - PCIe Gen5 (Graphics) - Dual Channel DDR5 Rock-Solid Durability - 14+1+1 Power Phase, 50A Dr.MOS for VCore+GT with Enlarged Heatsink Armor - Flexible Integrated I/O Shield Ultrafast Connectivity - 2.5G LAN, 802.11ax Wi-Fi 6E Module EZ Update - ASRock Auto Driver Installer EZ Troubleshooter - ASRock Post Status Checker 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 - 1 x DisplayPort 1.4 with DSC (compressed), supports HDCP 2.3 and max. resolution up to 8K 60Hz / 5K 120Hz *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 Dragon 2.5G 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 Wireless LAN - 802.11ax Wi-Fi 6E Module - Supports IEEE 802.11a/b/g/n/ac/ax - Supports Dual-Band 2x2 with extended 6GHz band* support - 2 antennas to support 2 (Transmit) x 2 (Receive) diversity technology - Supports Bluetooth + High speed class II - Supports MU-MIMO *Wi-Fi 6E (6GHz band) will be supported by Microsoft® Windows® 11. The availability will depend on the different regulation status of each country and region. It will be

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