

# ASROCK Z790 STEEL LEGEND WIFI (intel 1700 12+13gen, 4xDDR5 6800MHz, 8xSATA3, 4x M.2, HDMI+DPport +eDP, 1xGLAN, ATX)

**cena vč DPH:** **6792 Kč**

cena bez DPH: 5613 Kč

**Kód zboží (ID):** 5493329

**PN:** Z790-STEEL-LEGEND-WIFI

**Záruka:** 36 měsíců



Supports 13th Gen & 12th Gen Intel® Core™ Processors 16+1+1 Phase Power Design, SPS for VCore+GT 4 x DDR5 DIMMs, supports up to 7200+(OC) 1 PCIe 5.0 x16, 1 PCIe 4.0 x16, 1 PCIe 3.0 x16, 1 M.2 Key-E for WiFi Graphics Output Options: 1 HDMI, 1 DisplayPort, eDP 7.1 CH HD Audio (Realtek ALC897 Audio Codec), Nahimic Audio 1 Blazing M.2 (PCIe Gen5x4), 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), 12 USB 3.2 Gen1 (8 Rear, 4 Front), 3 USB 2.0 (3 Front) Realtek 2.5G LAN 802.11ax Wi-Fi 6E + Bluetooth 5.3 Unique Feature Superb Productivity - PCIe Gen5 (Graphics, M.2) - Dual Channel DDR5 Rock-Solid Durability - 16+1+1 Power Phase, 60A SPS for VCore+GT - Flexible Integrated I/O Shield - Nichicon 12K Black Caps (100% Japan made high quality conductive polymer capacitors) 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: 128GB - 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 - 256Mb 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 (PCIE1), supports x16 mode\* Chipset: - 1 x PCIe 4.0 x16 Slot (PCIE2), supports x4 mode\* - 1 x PCIe 3.0 x16 Slot (PCIE3), supports x2 mode\* - 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™ - 15µ Gold Contact in VGA PCIe Slot (PCIE1) \*If M2\_2 is occupied, PCIE1 will downgrade to x8 mode. 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\* - 1 x Blazing M.2 Socket (M2\_2, Key M), supports type 2260/2280 PCIe Gen5x4 (128 Gb/s) mode\* Chipset: - 1 x Hyper M.2 Socket (M2\_3, Key M), supports type 2242/2260/2280 PCIe Gen4x4 (64 Gb/s) mode\* - 1 x Hyper M.2 Socket (M2\_4, Key M), supports type 2242/2260/2280 PCIe Gen4x4 (64 Gb/s) mode\* - 1 x Hyper M.2 Socket (M2\_5, 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 If M2\_2 is occupied, PCIE1 will downgrade to x8 mode. M2\_1 and M2\_2 cannot be populated simultaneously. 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) - 12 x USB 3.2 Gen1 (8 Rear, 4 Front) - 3 x USB 2.0 (3 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 (Hi-Density Power Connector) - 2 x 8 pin 12V Power Connectors (Hi-Density Power Connector) - 1 x Front Panel Audio Connector (15µ Gold Audio Connector) - 1 x Thunderbolt™ AIC Connector (5-pin) (Supports ASRock Thunderbolt™ 4 AIC Card) - 2 x USB 2.0 Headers (Support 3 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 HDMI Port - 1 x DisplayPort 1.4 - 1 x Optical SPDIF Out Port - 1 x USB 3.2 Gen2 Type-A Port (10 Gb/s) - 1 x USB 3.2 Gen2 Type-C Port (10 Gb/s) - 8 x USB 3.2 Gen1 Ports - 1 x RJ-45 LAN Port - HD Audio Jacks: Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone (Gold Audio Jacks) 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 - 1 x ASRock WiFi 2.4/5/6 GHz Antenna - 4 x Screws for M.2 Sockets - 1 x Graphics Card Holder 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 sup

Supports 13th Gen & 12th Gen Intel® Core™ Processors 16+1+1 Phase Power Design, SPS for VCore+GT 4 x DDR5 DIMMs, supports up to 7200+(OC) 1 PCIe 5.0 x16, 1 PCIe 4.0 x16, 1 PCIe 3.0 x16, 1 M.2 Key-E for WiFi Graphics Output Options: 1 HDMI, 1 DisplayPort, eDP 7.1 CH HD Audio (Realtek ALC897 Audio Codec), Nahimic Audio 1 Blazing M.2 (PCIe Gen5x4), 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), 12 USB 3.2 Gen1 (8 Rear, 4 Front), 3 USB 2.0 (3 Front) Realtek 2.5G LAN 802.11ax Wi-Fi 6E + Bluetooth 5.3 Unique Feature Superb Productivity - PCIe Gen5 (Graphics, M.2) - Dual Channel DDR5 Rock-Solid Durability - 16+1+1 Power Phase, 60A SPS for VCore+GT - Flexible Integrated I/O Shield - Nichicon 12K Black Caps (100% Japan made high quality conductive polymer capacitors) 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, unbuffered memory up to 7200+(OC) - Max. capacity of system memory: 128GB - 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 - 256Mb 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 (PCIE1), supports x16 mode\* Chipset: - 1 x PCIe 4.0 x16 Slot (PCIE2), supports x4 mode\* - 1 x PCIe 3.0 x16 Slot (PCIE3), supports x2 mode\* - 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™ - 15µ Gold Contact in VGA PCIe Slot (PCIE1) \*If M2\_2 is occupied, PCIE1 will downgrade to x8 mode. 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\* - 1 x Blazing M.2 Socket (M2\_2, Key M), supports type 2260/2280 PCIe Gen5x4 (128 Gb/s) mode\* Chipset: - 1 x Hyper M.2 Socket (M2\_3, Key M), supports type 2242/2260/2280 PCIe Gen4x4 (64 Gb/s) mode\* - 1 x Hyper M.2 Socket (M2\_4, Key M), supports type 2242/2260/2280 PCIe Gen4x4 (64 Gb/s) mode\* - 1 x Hyper M.2 Socket (M2\_5, 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 If M2\_2 is occupied, PCIE1 will downgrade to x8 mode. M2\_1 and M2\_2 cannot be populated simultaneously. 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) - 12 x USB 3.2 Gen1 (8 Rear, 4 Front) - 3 x USB 2.0 (3 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 (Hi-Density Power Connector) - 2 x 8 pin 12V Power Connectors (Hi-Density Power Connector) - 1 x Front Panel Audio Connector (15µ Gold Audio Connector) - 1 x Thunderbolt™ AIC Connector (5-pin) (Supports ASRock Thunderbolt™ 4 AIC Card) - 2 x USB 2.0 Headers (Support 3 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 HDMI Port - 1 x DisplayPort 1.4 - 1 x Optical SPDIF Out Port - 1 x USB 3.2 Gen2 Type-A Port (10 Gb/s) - 1 x USB 3.2 Gen2 Type-C Port (10 Gb/s) - 8 x USB 3.2 Gen1 Ports - 1 x RJ-45 LAN Port - HD Audio Jacks: Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone (Gold

Audio Jacks) 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 - 1 x ASRock WiFi 2.4/5/6 GHz Antenna - 4 x Screws for M.2 Sockets - 1 x Graphics Card Holder 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 sup