

ASRock Z690 Extreme / Intel Z690 / LGA1700 / 4x DDR4 / 3x M.2 / HDMI / DP / USB-C / ATX

cena vč DPH: **5490 Kč**

cena bez DPH: 4537 Kč

Kód zboží (ID): 5269611

PN: Z690-EXTREME

Záruka: 36 měsíců



Supports 12th Gen Intel® Core™ Processors (LGA1700) - 13 Phase SPS Dr MOS Power Design Supports DDR4 5000MHz (OC) 1 PCIe 5.0 x16, 1 PCIe 4.0 x16, 1 PCIe 3.0 x16, 1 PCIe 3.0 x1 Graphics Output Options: HDMI, DisplayPort Realtek ALC1220 7.1 CH HD Audio Codec, Nahimic Audio 8 SATA3 2 Hyper M.2 (PCIe Gen4 x4) 1 Ultra M.2 (PCIe Gen3 x4 & SATA3) 1 USB 3.2 Gen2x2 Front Type-C 2 USB 3.2 Gen2 (Rear Type A+C) 8 USB 3.2 Gen1 (4 Rear, 4 Front) Dragon 2.5G LAN, Intel® Gigabit LAN ASRock Graphics Card Holder Unique Feature ASRock USB 3.2 Gen2 - ASRock Front Panel Type C USB 3.2 Gen2x2 Header (20 Gb/s) - ASRock USB 3.2 Gen2 Type-A Port (10 Gb/s) - ASRock USB 3.2 Gen2 Type-C Port (10 Gb/s) ASRock Super Alloy - XXL Aluminum Alloy Heatsink - Premium Power Choke - 60A SPS (Smart Power Stage) - Nichicon 12K Black Caps (100% Japan made high quality conductive polymer capacitors) - I/O Armor - Shaped PCB Design - Matte Black PCB - High Density Glass Fabric PCB - 2oz Copper PCB 2.5G LAN ASRock Auto Driver Installer ASRock Steel Slot ASRock Full Coverage M.2 Heatsink ASRock Hyper M.2 (PCIe Gen4x4) ASRock Ultra USB Power ASRock POST Status Checker (PSC) ASRock Full Spike Protection (for all USB, Audio, LAN Ports) ASRock Live Update & APP Shop CPU - Supports 12th Gen Intel® Core™ Processors (LGA1700) - Digi Power design - 13 Power Phase design - Supports Intel® Hybrid Technology - Supports Intel® Turbo Boost Max 3.0 Technology Chipset - Intel® Z690 Memory - Dual Channel DDR4 Memory Technology - 4 x DDR4 DIMM Slots - Supports DDR4 non-ECC, un-buffered memory up to 5333+(OC)* - Supports ECC UDIMM memory modules (operate in non-ECC mode) - Max. capacity of system memory: 128GB** - Supports Intel® Extreme Memory Profile (XMP) 2.0 - 15μ Gold Contact in DIMM Slots *Supports DDR4 3200 natively. BIOS - 256Mb AMI UEFI Legal BIOS with multilingual GUI support - ACPI 6.0 Compliant wake up events - SMBIOS 2.7 Support - CPU Core/Cache, CPU GT, DRAM,

VCCIN AUX, +1.05V PROC, +1.8V PROC, +0.82V PCH, +1.05V PCH Voltage Multi-adjustment Graphics - Intel® Xe Graphics Architecture (Gen 12) - Dual graphics output: support HDMI and DisplayPort 1.4 ports by independent display controllers - Supports HDMI 2.1 TMDS Compatible with max. resolution up to 4K x 2K (4096x2160) @ 60Hz - Supports DisplayPort 1.4 with DSC (compressed) max. resolution up to 8K (7680x4320) @ 60Hz / 5K (5120x3200) @ 120Hz - Supports HDCP 2.3 with HDMI 2.1 TMDS Compatible and DisplayPort 1.4 Ports *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 with Content Protection (Realtek ALC1220 Audio Codec) - Premium Blu-ray Audio support - Supports Surge Protection - Pure Power-In - Direct Drive Technology - PCB Isolate Shielding - Impedance Sensing on Rear Out port - Individual PCB Layers for R/L Audio Channel - Gold Audio Jacks - 15μ Gold Audio Connector - Nahimic Audio LAN 1 x 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 - Supports Wake-On-LAN - Supports Lightning/ESD Protection - Supports Energy Efficient Ethernet 802.3az - Supports PXE 1 x Gigabit LAN 10/100/1000 Mb/s (Intel® I219V) - Supports Wake-On-LAN - Supports Lightning/ESD Protection - Supports Energy Efficient Ethernet 802.3az - Supports UEFI PXE 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 (PCIe4), supports x4 mode* - 1 x PCIe 3.0 x1 Slot (PCIe3)* - 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module and Intel® CNVi (Integrated WiFi/BT) - Supports AMD CrossFire™ - 15μ Gold Contact in VGA PCIe Slot (PCIe1) * 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 Ultra M.2 Socket (M2_2, Key M), supports type 2230/2242/2260/2280 SATA3 6.0 Gb/s & PCIe Gen3x4 (32 Gb/s) modes* - 1 x Hyper M.2 Socket (M2_3, Key M), supports type 2242/2260/2280/22110 PCIe Gen4x4 (64 Gb/s) mode* - 8 x SATA3 6.0 Gb/s Connectors** *Supports Intel® Optane™ Technology (M2_2 and M2_3 only) Supports Intel® Volume Management Device (VMD) Supports NVMe SSD as boot disks Supports ASRock U.2 Kit **If M2_2 is occupied by a SATA-type M.2 device, SATA3_7 will be disabled. 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 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 4 USB 2.0 ports) (Supports ESD Protection) - 2 x USB 3.2 Gen1 Headers (Support 4 USB 3.2 Gen1 ports) (ASMedia ASM1074 hub) (Supports ESD Protection) - 1 x Front Panel Type C USB 3.2 Gen2x2 Header (20 Gb/s) (Supports ESD Protection) *Supports in total up to 12V/3A, 36W LED Strip **Support in total up to 5V/3A, 15W LED Strip ***The CPU Fan Connector supports the CPU fan of maximum 1A (12W) fan power. ****The CPU/Water Pump Fan supports the water cooler fan of maximum 2A (24W)

fan power. *****The Chassis/Water Pump Fan supports the water cooler fan of maximum 2A (24W) fan power. 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 Optical SPDIF Out Port - 1 x USB 3.2 Gen2 Type-A Port (10 Gb/s) (ReDriver) (Supports ESD Protection) - 1 x USB 3.2 Gen2 Type-C Port (10 Gb/s) (ReDriver) (Supports ESD Protection) - 4 x USB 3.2 Gen1 Ports (Supports ESD Protection)* - 2 x RJ-45 LAN Ports with LED (ACT/LINK LED and SPEED LED) - 1 x BIOS Flashback Button - HD Audio Jacks: Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone (Gold Audio Jacks) *Ultra USB Power is supported on USB3_1_2 ports. ACPI wake-up function is not supported on USB3_1_2 ports. 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

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