



Płyta Asus ROG STRIX Z590-E GAMING WIFI /Z590/DDR4/SATA3/M.2/USB3.2/WiFi/BT/PCIe4.0/s.1200/ATX

Indeks: 85405 Producent: ASUS Kod producenta: ROG STRIX Z590-E GAMING WIFI

Cena: **1,389.16 zł**

Opis

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CPU Intel® Socket LGA1200 for 11th Gen Intel® Core™ Processors & 10th Gen Intel® Core™, Pentium® Gold and Celeron® Processors Supports Intel® 14 nm CPU Supports Intel® Turbo Boost Technology 2.0 and Intel® Turbo Boost Max Technology 3.0** * Refer to www.asus.com for CPU support list. ** Intel® Turbo Boost Max Technology 3.0 support depends on the CPU types. Chipset Intel® Z590 Chipset Memory Memory Channels: 4DDR4 (Dual channel) Max Memory Size: 128GB DDR4 5333(OC)/5133(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 MHz Non-ECC, Unbuffered Memory* Dual Channel Memory Architecture Supports Intel® Extreme Memory Profile (XMP) OptiMem III * 10th Gen Intel® Core™ i7/i9 processors support 2933/2800/2666/2400/2133 natively, others will run at the maximum transfer rate of DDR4 2666MHz. * 11th Gen Intel® Core™ processors support 3200/2933/2800/2666/2400/2133 natively. * Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists). Graphics 1 x DisplayPort 1.4** 1 x HDMI™ 2.0** * Graphics specifications may vary between CPU types. ** Only Intel® 11th Core™ processors support DisplayPort 1.4 with max. resolution of 5120 x 2880 @60Hz, others will only support DisplayPort 1.4 with max. resolution of 4096 x 2304 @60Hz. Please refer to www.intel.com for any updates *** Only Intel® 11th Core™ processors support HDMI™ 2.0 with max. resolution of 4K@60Hz, others will only support HDMI™ 1.4 with max. resolution of 4K@30Hz. Please refer to www.intel.com for any updates. Expansion Slots 2 x PCIe 4.0/3.0 x16 (x16, x8/x8, x8/x4) + 1 x PCIe 3.0 x16 (max. x4) Intel® 11th & 10th Gen Processors 2 x PCIe 4.0/3.0 x16 slot(s)* - Intel® 11th processors support PCIe 4.0 x16 or x8/x8 or x8/x4 mode(s) - Intel® 10th processors support PCIe 3.0 x16 or x8/x8 or x8/x4 mode(s) Intel® Z590 Chipset 1 x PCIe 3.0 x16 slot (supports x4 mode)** * Support PCIe bandwidth bifurcation for RAID on CPU function. ***PCIe16_3 shares bandwidth with SATA_56. When PCIe16_3 is populated SATA_56 will be disabled. When PCIe16_3 run at default x2 mode, SATA_56 is enabled. Multi-GPU Support Supports NVIDIA 2-Way SLI® Technology Storage Supports 4 x M.2 slots and 6 x SATA 6Gb/s ports Intel® 11th & 10th Gen Processors* M.2_1 slot (Key M), type 2242/2260/2280/22110 - Only Intel® 11th Core™ processors support PCIe 4.0 x4 mode, this slot will be disabled for other CPUs M.2_2 slot (Key M), type 2242/2260/2280/22110 - Intel® 11th processors support PCIe 4.0 x4 mode - Intel® 10th processors support PCIe 3.0 x4 mode Intel® Z590 Chipset M.2_3 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 3.0 x4 mode) M.2_4 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 & SATA modes)* 6 x SATA 6Gb/s ports Raid function in Intel® Rapid Storage Technology is available with either 1. Intel® SSDs installed in both CPU-attached and PCH-attached slots, or 2. any other 3rd party SSDs installed in PCH-attached slots. To enable Intel® Optane™ Memory (Hybrid Storage device), it must be installed in PCH-attached slots with Intel® Rapid Storage Technology. *When M.2_4 is operating in SATA device, SATA6G_2 will be disabled. Ethernet 2 x Intel® I225-V 2.5Gb Ethernet ASUS LANGuard Wireless & Bluetooth Intel® Wi-Fi 6E 2x2 Wi-Fi 6E (802.11 a/b/g/n/ac/ax) Supports 2.4/5/6GHz frequency band* Bluetooth v5.2 hardware ready** * WiFi 6E 6GHz regulatory may vary between countries, and function will be ready in Windows 10 build 21H1 or later. ** Bluetooth v5.2 function will be ready in Windows 10 build 21H1 or later. USB Rear USB: Total 10 ports 1 x USB 3.2 Gen 2x2 port(s) (1 x USB Type-C®) 3 x USB 3.2 Gen 2 port (2 x Type-A, 1 x USB Type-C®) 4 x USB 3.2 Gen 1 port (4 x Type-A) 2 x USB 2.0 port(s) (2 x Type-A) Front USB: Total 7 ports 1 x USB 3.2 Gen 2x2 connector(s) (support(s) USB Type-C®) 1 x USB 3.2 Gen 1 header(s) support(s) additional 2 USB 3.2 Gen 1 ports 2 x USB 2.0 header(s) support(s) additional 4 USB 2.0 ports Audio Audio Features - SupremeFX Shielding Technology - ALC4080 + Savitech SV3H712 AMP - Gold-plated audio jacks - Rear optical S/PDIF out port - Premium Japanese audio capacitors - Audio cover Back Panel I/O Ports 1 x USB 3.2 Gen 2x2 port (1 x USB Type-C®) 3 x USB 3.2 Gen 2 port(s) (2 x Type-A, 1 x USB Type-C®) 4 x USB 3.2 Gen 1 port(s) (4 x Type-A) 2 x USB 2.0 port(s) (2 x Type-A) 1 x HDMI™ port 1 x DisplayPort 1 x Intel® Wi-Fi 6E 2 x Intel® I225-V 2.5Gb Ethernet 5 x Gold-plated audio jacks 1 x Optical S/PDIF out port 1 x BIOS FlashBack™ button 1 x Clear CMOS button Internal I/O Connectors 1 x Thunderbolt 4 (onboard) Fan and Cooling related 1 x 4-pin CPU Fan header(s) 1 x 4-pin CPU OPT Fan header(s) 1 x 4-pin AIO Pump header(s) 3 x 4-pin Chassis Fan header(s) 1 x VRM heatsink Fan header 1 x W_PUMP+ header 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 4 x M.2 slots (Key M) 6 x SATA 6Gb/s ports USB 1 x USB 3.2 Gen 2x2 connector (support(s) USB Type-C®) 1 x USB 3.2 Gen 1 header(s) support(s) additional 2 USB 3.2 Gen 1 ports 2 x USB 2.0 header(s) support(s) additional 4 USB 2.0 ports Miscellaneous 3 x AURA Addressable Gen 2 header(s) 1 x AURA RGB header(s) 1 x CPU Over Voltage jumper 1 x Front Panel Audio header (AAFP) 1 x Q Code 1 x SPI TPM header (14-1pin) 1 x 20-3 pin System Panel header with Chassis intrude function 1 x Thermal Sensor header 1 x Thunderbolt header Software Features ROG Exclusive Software - RAMCache III - ROG CPU-Z - GameFirst VI - Sonic Studio III + Sonic Studio Virtual Mixer - Sonic Radar III - DTS® Sound Unbound - Overwolf - Anti-virus software ASUS Exclusive Software Armoury Crate -AIDA64 Extreme (60 days free trial) - AURA Creator - AURA Sync - Two-Way AI Noise Cancellation AI Suite 3 - 5-Way Optimization with AI Overclocking TPU EPU DIGI+ VRM Fan Xpert 4 Turbo app - EZ update DAEMON Tools MyAsus WinRAR UEFI BIOS AI Overclocking Guide ASUS EZ DIY - ASUS CrashFree BIOS 3 - ASUS EZ Flash 3 - ASUS UEFI BIOS EZ Mode FlexKey MemTest86 BIOS 256 Mb Flash ROM, UEFI AMI BIOS Manageability WOL by PME, PXE Accessories Cables 4 x SATA 6Gb/s cables Additional Cooling Kit 1 x Assistant fan (40mm) 1 x Screw package for cooling kit Miscellaneous 1 x ASUS 2x2 Dual-Band Wi-Fi moving antennas 1 x M.2 Q-Latch package 2 x M.2 Rubber Packages 1 x ROG key chain 1 x cable tie 1 x ROG Graphics card holder 1 x ROG STRIX stickers 1 x ROG STRIX thank you card Installation Media 1 x Support DVD Documentation 1 x User manual Operating System Windows 10 64bit Form Factor ATX 30.5cm x 24.4cm

Parametry

Model	ROG STRIX Z590-E GAMING WIFI
Producent	Asus
EAN	4711081093923
Chipset	Intel Z590
Kod producenta	ROG STRIX Z590-E GAMING WIFI
Obsługiwane procesory	Intel
Standard płyty	ATX
Typ obsługiwanej pamięci	DDR4
Maksymalna ilość pamięci RAM	128
Liczba slotów pamięci RAM	4
Częstotliwość taktowania pamięci	2133, 2400, 2666, 2933, 3200
Dodatkowe elementy	brak
Szerokość	305
Wysokość	305
Stan	Nowy
Typ gniazda procesora	Intel Socket 1200