

PLACA ASUS GAMING Z590-E ROG STRIX WIFI LGA-1200 /DDR4 /128GB/3200/



- Socket Intel® LGA 1200 para procesadores Intel® de 11a generación, Core e Intel Core®, Pentium® Gold y Celeron®.
- **Solución de alimentación óptima:** 14 + 2 fases de poder con conector de alimentación ProCool III, reactancias de aleación de alta calidad y condensadores duraderos para admitir procesadores de varios núcleos.
- **Diseño térmico optimizado:** VRM con disipador y placa E/S de aluminio, heatpipe en forma de L, disipador de calor para tres M.2, incluida una placa posterior M.2 para mejorar la refrigeración de PCIe 4.0.
- **Redes de alto rendimiento:** Intel® integrado WiFi 6E AX210 (802.11ax) y doble Intel® Ethernet de 2,5Gb con ASUS LANGuard®.
- **La mejor conectividad para juegos:** Admite HDMI® 2.0 y DisplayPort® 1.4, cuatro puertos M.2 y USB 3.2 Gen 2 Tipo A® y Tipo C®.
- **Control inteligente:** Utilidades de firmware y software exclusivas de ASUS que simplifican la configuración y mejoran el rendimiento: AI Overclocking, AI Cooling, AI Networking y Two-Way AI Noise-Cancellation®.
- **Diseño de fácil montaje:** M.2 Q-Latch, placa de E/S premontada, BIOS FlashBack™, botón CMOS, Q-Code y FlexKey.
- **Personalización inigualable:** Iluminación RGB Aura Sync exclusiva de ASUS, que incluye puertos RGB y puertos direccionables Gen 2.

- **Audio para juegos líder en la industria:** Audio de alta fidelidad con ALC4080 con amplificador Savitech SV3H712, junto con DTS® Sound Unbound y Sonic Studio III .
- **Software de renombre:** Suscripción incluida de 60 días de AIDA64 Extreme y panel de control UEFI BIOS intuitivo con MemTest86 integrado.

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® 14 nm CPU Supports Intel® Turbo Boost Technology 2.0 and Intel® Turbo Boost Max Technology 3.0
Chipset	Intel® Z590 Chipset
Memoria	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, Un-buffered Memory* Dual Channel Memory Architecture Supports Intel® Extreme Memory Profile (XMP) OptiMem III
Gráficos	* 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.

Ranuras de expansión	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)**
Multi-GPU Support	Supports NVIDIA 2-Way SLI® Technology
Almacenamiento	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.
LAN	2 x Intel® 2.5Gb Ethernet
Red de datos inalámbrica	2x2 Tri-Band Intel Wi-Fi a/b/g/n/ac/ax/az + BT5.2
Puertos 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) 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
Puertos del panel trasero	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
Puertos E/S internos	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
Sistema operativo	Windows 10 64bit
Factor de forma	ATX 30.5cm x 24.4cm