

ASUS ROG STRIX Z790-H GAMING WIFI - motherboard - ATX - LGA1700 Socket - Z790



26-09-2024

SKU	90MB1E10-M0EAY0
Product Description:	ASUS ROG STRIX Z790-H GAMING WIFI - motherboard - ATX - LGA1700 Socket - Z790
Product Type:	Motherboard - ATX
Chipset Type:	Intel Z790
Processor Socket:	1 x LGA1700 Socket
Compatible Processors:	(supports 12th and 13th Generation Intel Core / Pentium Gold / Celeron)
Max RAM Size:	128 GB
RAM Supported:	4 DIMM slots - DDR5, non-ECC, on-die ECC, unbuffered

General

Product Type:	Motherboard - ATX
Chipset Type:	Intel Z790
Processor Socket:	LGA1700 Socket
Max Processors Qty:	1
Compatible Processors:	(supports 12th and 13th Generation Intel Core / Pentium Gold / Celeron)

Supported RAM

Max Size:	128 GB
Technology:	DDR5
Bus Clock:	5800 MHz (O.C.), 6000 MHz (O.C.), 4800 MHz, 6200 MHz (O.C.), 6400 MHz (O.C.), 6600 MHz (O.C.), 7000 MHz (O.C.), 6800 MHz (O.C.), 7200 MHz (O.C.), 5200 MHz, 5000 MHz, 5600 MHz, 5400 MHz, 7400 MHz (O.C.), 7600 MHz (O.C.), 7800 MHz (O.C.)
Supported RAM Integrity Check:	Non-ECC, on-die ECC

Manufacturer Warranty

Service & Support: Limited warranty - 3 years

Miscellaneous

Included Accessories: Cable ties, ROG thank you card, thermal pad for M.2 SSD, ROG key chain, ASUS Wi-Fi moving aerial, M.2 Q-Latch, 2 x M.2 rubber package, M.2 backplate rubber package, M.2 backplate Q-Latch, ROG stickers

Cables Included: 2 x Serial ATA cable

Software Included: ROG CPU-Z, ASUS AI Suite III, ASUS Turbo App, PC Cleaner, WinRAR, Sonic Studio Virtual Mixer, ROG GameFirst VI, AIDA64 Extreme (60 days trial), ASUS AURA Creator, Sonic Suite Companion, MyAsus, Armoury Crate, Sonic Studio III, Sonic Radar III, ASUS Fan Xpert 4, Norton 360 for Gamers

Compliant Standards: DisplayPort 1.4

Width: 30.5 cm

Depth: 24.4 cm

Features

Produktdatablad genereret d. 16-09-2024 21:18.

Vær opmærksom på at priser og lagerstatus var gældende på genereringstidspunktet og dermed ikke kan garanteres.

Supported RAM

Registered or Buffered: Unbuffered

Features: Dual channel memory architecture, Intel Extreme Memory Profiles (XMP)

Audio

Type: HD Audio (8-channel)

Audio Codec: SupremeFX (S1220A)

Compliant Standards: High Definition Audio, DTS Sound Unbound

LAN

Network Interfaces: 2.5 Gigabit Ethernet, Bluetooth 5.3, 802.11a/b/g/n/ac/ax (Wi-Fi 6E)

Expansion / Connectivity

Expansion Slots: 1 x CPU ; 4 x DIMM 288-pin ; 1 x PCIe 5.0 x16 ; 1 x PCIe 4.0 x16 (x4 or x4/x4 mode) ; 1 x PCIe 3.0 x1 ; 2 x M.2 socket (2242/2260/2280 M.2 Key M slot) ; 2 x M.2 socket (2242/2260/2280/22110 M.2 Key M slot)

Storage Interfaces: SATA-600 -connectors: 4 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10 / RAID 5 ; PCIe 4.0 -connectors: 3 x M.2 - RAID 0 / RAID 1 / RAID 10 / RAID 5 ; SATA-600 / PCIe 4.0 -connectors: 1 x M.2 - RAID 0 / RAID 1 / RAID 10 / RAID 5

RAID Features: Intel Rapid Storage Technology

Interfaces: 1 x HDMI ; 1 x DisplayPort ; 1 x USB-C 3.2 Gen2x2 ; 1 x USB-C 3.2 Gen 2 ; 2 x USB 3.2 Gen 2 ; 4 x USB 3.2 Gen 1 ; 2 x USB 2.0 ; 2 x aerial ; 1 x LAN (2.5Gigabit Ethernet) ; 1 x audio line-out - mini-jack ; 1 x microphone - mini-jack ; 1 x audio line-out (center/subwoofer) - mini-jack ; 1 x audio line-out (rear) - mini-jack ; 1 x audio line-in - mini-jack ; 1 x SPDIF out

Internal Interfaces: 1 x USB-C 3.2 Gen 2x2 - header ; 2 x USB 3.2 Gen 1 - header ; 4 x USB 2.0 - header ; 1 x audio - header ; 1 x Thunderbolt - header

Power Connectors: 24-pin main power connector, 2 x 8-pin ATX12V connectors

Features

BIOS Type: AMI

BIOS Features: UEFI BIOS, ASUS EZ Flash 3, MemTest86, ASUS UEFI BIOS EZ Mode

Sleep / Wake Up: Wake on LAN (WOL), wake on PME

Hardware Features: Jack retasking, ASUS Q-Design, Q-DIMM, ASUS EZ DIY, Q-LED, Q-Slot, ASUS Extreme Engine Digi+, CrashFree BIOS 3, audio jack detect technology, Intel Turbo Boost Technology 2.0, SupremeFX Shielding technology, Preboot eXecution Environment (PXE), Clear CMOS Button, LANGuard, 6 Layer PCB, ASUS SafeSlot, M.2 heatsink, Water Pump Header, pre-mounted I/O shield, Intel Turbo Boost Max Technology 3.0, ASUS Aura Sync, ASUS OptiMem II, DIY Friendly Design, FlexKey button, ASUS ProCool II, 16+1 Phase Power Design, Savitech SV3H712 amplifier, M.2 Q-Latch, 5K Black Metallic Capacitors, SafeDIMM, PCIe Slot Q-Release, CPU Socket lever protector, VRM heatsink design, BIOS FlashBack button, BIOS FlashBack LED, 80A Power Stage, M.2 heatsink backplate