

SPECIFICATIONS



ASUS ROG STRIX Z890-H GAMING (Wi-Fi 7) DDR5 Motherboard #ROG STRIX Z890-H GAMING WIFI

Regular Price 62,390
Special Price 57,500

ID: 02.01.006.566

General

Brand	Asus
Model	Asus ROG STRIX Z890-H GAMING (Wi-Fi 7)
Body Color	Black
Part No	ROG STRIX Z890-H GAMING WIFI

CPU

Chipset Brand	Intel
Chipset	Intel Z890
Sockets Supported	LGA1851
Built-in Processor	No
Supported CPU	Intel Core Ultra Processors (Series 2)
Generation	Ultra

Memory Support

Memory Type	DDR5
Memory MHz	9066(O.C)/8800(O.C) /8600(O.C) / 8400(O.C) /8266(O.C) / 8200(O.C) / 8000(O.C) / 7950(O.C) / 7900(O.C) / 7800(O.C) / 7600(O.C.) / 7400(O.C.) / 7200(O.C.) / 7000(O.C.) / 6800(O.C.) / 6600(O.C.) /6400/5600 MT/s non-ECC Un-buffered DIMM
Memory Channel	Dual
Memory Slot	4
Memory Max.	256GB
Optane Memory Support	No

Storage

Storage Interface	6.0Gb/s
M.2/SSD Expansion Slot	4

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Ryans reserves right to change information including price any time.

M.2/SSD Slot Gen	Up to Gen 5
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Graphics

Graphics	Integrated
Graphics Chipset	Integrated With Processor
Multi-GPU Support	No
PCI Express Slot	1 x PCIe 5.0 x16 slot (supports x16 or x8/x4/x4 modes), 2 x PCIe 4.0 x16 slots (supports x4 mode)

Audio & Video

Audio Chipset	Realtek ALC1220P 7.1 Surround Sound High Definition Audio CODEC
Audio Channel	7.1

Network & Connectivity

LAN Chipset	1 x Realtek 5G Ethernet
LAN Speed (Mbps)	1000/ 2500/ 5000Mbps
WiFi	Yes
WiFi Technology	Wi-Fi 7
Bluetooth	Bluetooth 5.4

Ports

USB Port	2 x USB 20Gbps ports (1 x USB Type-C + 1 x USB Type-C with up to 30W PD Fast-charge), 4 x USB 10Gbps ports (4 x Type-A), 4 x USB 5Gbps ports (4 x Type-A)
VGA Port	No
DVI Port	No
HDMI Port	1
DisplayPort (DP)	1
SATA Port	4
Thunderbolt	No

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Technical Info

Back-Connect Design	No
Cable Management	Front
Heatsink	Yes
FireWire	No
CrossFire Support	No
Sli Support	No
Raid Support	0, 1, 5, 10
RGB Support	RGB
RGB Sync	Aura Sync
Approx. Power Consumption	70W
Form Factor	ATX

Bios Information

BIOS Type	256 Mb Flash ROM
BIOS Model	UEFI AMI BIOS

Compatibility

Supported Operating System	Windows 11
Compatible Products	Intel Socket LGA1851 for Intel Core Ultra Processors(Series 2)

Warranty

Warranty Details	3 Year Replacement
Feature	Extreme Engine Digi+, 5K Black metallic capacitors, ASUS Q-Design: M.2 Q-Latch, M.2 Q-Release, M.2 Q-Slide, PCIe Slot Q-Release Slim (with PCIe SafeSlot), Q-Antenna, Q-Dashboard, Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green]), Q-Slot, ASUS Thermal Solution: M.2 heatsink backplate, M.2 heatsink: VRM heatsink design, ASUS EZ DIY: BIOS FlashBack button, BIOS FlashBack LED, Clear CMOS button, CPU Socket lever protector, ProCool II, Pre-mounted I/O shield, SafeSlot, SafeDIMM, Aura Sync: Addressable Gen 2 headers, Rear USB 20Gbps with PD Fast Charge Support: Support: up to 30W fast charging and USB Wattage Watcher, Output: 5V/9V max. 3A, 12V max 2.5A, 15V max. 2.0A, Compatible with PD3.0, Software Features: ROG Exclusive Software: ROG CPU-Z, Dolby Atmos, ASUS Exclusive Software: Armoury Crate: AIDA64 Extreme (60 days free trial), Aura Creator, Aura Sync, Fan Xpert 4 (with AI Cooling II), GameFirst, HWINFO, Power Saving, ASUS AI Advisor, ASUS Driver Hub, ASUS GlideX, USB Wattage Watcher, TurboV Core, Adobe Creative Cloud (Free Trial), Norton 360 for Gamers (60 Days Free Trial), WinRAR (40 Days Free Trial), UEFI BIOS: AI Overclocking Guide, NPU Boost: ASUS EZ DIY : ASUS CrashFree BIOS 3, ASUS EZ Flash, ASUS UEFI BIOS EZ Mode, ASUS MyHotkey, FlexKey
Others	Manageability: WOL by PME, PXE, Accessories: Cables: 2 x SATA 6Gb/s cables, Additional Cooling Kit: 1 x Thermal pad for M.2 22110, Miscellaneous: 1 x ASUS WiF Q-Antenna, 1 x Cable ties package, 1 x M.2 Q-Latch package, 1 x ROG key chain, 1 x ROG Strix stickers, 4 x M.2 rubbers, Documentation: 1 x Quick start guide

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