

ASUS ROG STRIX Z890-A GAMING WIFI Intel Z890 LGA 1851 (Socket V1) ATX

Brand : ASUS

Product code: 90MB1I90-M0EAY0

Product name : ROG STRIX Z890-A GAMING WIFI

ROG STRIX Z890-A GAMING WIFI motherboard socket Intel LGA 1851 (ATX, Advanced AI, DDR5, WiFi 7, 5x M.2, PCIe 5.0, 2x Thunderbolt 4, Q-Release, DIMM Flex)

ASUS ROG STRIX Z890-A GAMING WIFI. Processor manufacturer: Intel, Processor socket: LGA 1851 (Socket V1), Compatible processor series: Intel Core Ultra (Series 2). Supported memory types: DDR5-SDRAM, Maximum internal memory: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E.... Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel



Processor

| | |
|-------------------------------|-----------------------------|
| Processor manufacturer * | Intel |
| Processor socket * | LGA 1851 (Socket V1) |
| Compatible processor series * | Intel Core Ultra (Series 2) |

Memory

| | |
|------------------------------------|--------------|
| Supported memory types * | DDR5-SDRAM |
| Number of memory slots * | 4 |
| Memory slots type | DIMM |
| Memory channels | Dual-channel |
| ECC compatibility | Non-ECC |
| Supported memory clock speed (max) | 8600 MHz |
| Maximum internal memory * | 192 GB |
| Unbuffered memory | ✓ |

Storage controllers

| | |
|--------------------------------------|---------------|
| Supported storage drive types | HDD & SSD |
| Supported storage drive interfaces * | M.2, SATA III |
| Number of HDDs supported | 4 |
| Number of storage drives supported | 9 |
| RAID support | ✓ |
| RAID levels | 0, 1, 5, 10 |

Graphics

| | |
|--|---------------|
| Parallel processing technology support * | Not supported |
| On-board graphics card | ✗ |

Internal I/O

| | |
|----------------------|---|
| USB 2.0 connectors * | 2 |
|----------------------|---|

Rear panel I/O ports

| | |
|------------------------------|-----|
| Ethernet LAN (RJ-45) ports * | 1 |
| HDMI ports quantity * | 1 |
| HDMI version | 2.1 |
| DisplayPorts quantity | 1 |
| DisplayPort version | 1.4 |
| Headphone outputs | 1 |
| Line-in | ✓ |
| S/PDIF out port | ✓ |
| Thunderbolt ports quantity | 2 |
| WiFi-AP antenna jack | 2 |

Network

| | |
|-------------------------|---|
| Ethernet LAN | ✓ |
| Ethernet interface type | 2.5 Gigabit Ethernet |
| Wi-Fi * | ✓ |
| Top Wi-Fi standard | Wi-Fi 7 (802.11be) |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be) |
| Bluetooth | ✓ |
| Bluetooth version | 5.4 |

Features

| | |
|---------------------------|-----------------|
| Motherboard chipset * | Intel Z890 |
| Audio chip | Realtek ALC4080 |
| Audio output channels * | 7.1 channels |
| Product colour | White |
| Component for * | PC |
| Motherboard form factor * | ATX |

| Internal I/O | | Features | |
|---|---|-------------------------------------|------------|
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 2 | Motherboard chipset family * | Intel |
| USB 3.2 Gen 2 (3.1 Gen 2) connectors * | 1 | Cooling type | Passive |
| Number of SATA III connectors * | 4 | Power source type | ATX |
| Front panel audio connector | ✓ | Windows operating systems supported | Windows 11 |
| ATX Power connector (24-pin) | ✓ | Expansion slots | |
| CPU fan connector | ✓ | PCI Express x16 (Gen 4.x) slots | 1 |
| Number of chassis fan connectors | 5 | PCI Express x16 (Gen 5.x) slots | 1 |
| Chassis intrusion connector | ✓ | Number of M.2 (M) slots | 5 |
| EPS power connector (8-pin) | ✓ | BIOS | |
| Thunderbolt headers | 1 | BIOS type * | UEFI AMI |
| 12V power connector | ✓ | BIOS memory size | 256 Mbit |
| RGB LED pin header | ✓ | Clear CMOS button | ✓ |
| Rear panel I/O ports | | Packaging data | |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 | Package width | 353 mm |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 5 | Package depth | 273 mm |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 | Package height | 68 mm |
| | | Package weight | 1.98 kg |
| | | Weight & dimensions | |
| | | Width | 305 mm |
| | | Depth | 244 mm |
| | | Packaging content | |
| | | Cables included | SATA |
| | | Other features | |
| | | Quick installation guide | ✓ |
| | | Back-to-BIOS button | ✓ |



4711387758830



0197105758834



197105758834

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.