

## ASUS TUF GAMING Z890-PRO WIFI Intel Z890 LGA 1851 (Socket V1) ATX

**Brand :** ASUS

**Product code:** 90MB1I90-M0EAY0

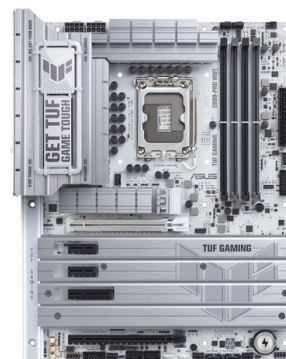
**Product name :** TUF GAMING Z890-PRO WIFI

Intel Z890 Chipset, 4 x DIMM slots, max. 192GB, DDR5

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### TUF GAMING Z890-PRO WIFI

ASUS TUF GAMING Z890-PRO WIFI takes all the essential elements of the latest Intel® Core™ Ultra Processors (Series 2) processors and combines them with game-ready features and proven durability. Engineered with military-grade components, an upgraded power solution and a comprehensive cooling system, this motherboard goes beyond expectations with rock-solid and stable performance for marathon gaming. TUF GAMING motherboards also undergo rigorous endurance testing to ensure that they can handle conditions where others may fail. This platform delivers the power and connectivity that advanced AI PC applications demand.



| Processor                                |                             | Rear panel I/O ports                |                      |
|------------------------------------------|-----------------------------|-------------------------------------|----------------------|
| Processor manufacturer *                 | Intel                       | HDMI ports quantity *               | 1                    |
| Processor socket *                       | LGA 1851 (Socket V1)        | DisplayPorts quantity               | 1                    |
| Compatible processor series *            | Intel Core Ultra (Series 2) | Microphone in                       | ✓                    |
| Supported processor sockets              | LGA 1851                    | Thunderbolt ports quantity          | 2                    |
| Memory                                   |                             | WiFi-AP antenna jack                | 1                    |
| Supported memory types *                 | DDR5-SDRAM                  | Network                             |                      |
| Number of memory slots *                 | 4                           | Ethernet LAN                        | ✓                    |
| Memory slots type                        | DIMM                        | Ethernet interface type             | 2.5 Gigabit Ethernet |
| Memory channels                          | Dual-channel                | Wi-Fi *                             | ✓                    |
| ECC compatibility                        | Non-ECC                     | Top Wi-Fi standard                  | Wi-Fi 7 (802.11be)   |
| Maximum internal memory *                | 192 GB                      | Wi-Fi standards                     | Wi-Fi 7 (802.11be)   |
| Unbuffered memory                        | ✓                           | Bluetooth                           | ✓                    |
| Storage controllers                      |                             | Bluetooth version                   | 5.4                  |
| Supported storage drive types            | HDD & SSD                   | Features                            |                      |
| Supported storage drive interfaces *     | M.2, SATA III               | Motherboard chipset *               | Intel Z890           |
| Number of HDDs supported                 | 4                           | Audio chip                          | Realtek ALC1220P     |
| Number of storage drives supported       | 8                           | Audio output channels *             | 7.1 channels         |
| RAID support                             | ✓                           | Component for *                     | PC                   |
| RAID levels                              | 0, 1, 5, 10                 | Motherboard form factor *           | ATX                  |
| Graphics                                 |                             | Motherboard chipset family *        | Intel                |
| Parallel processing technology support * | Not supported               | Windows operating systems supported | Windows 11           |
| Internal I/O                             |                             | Expansion slots                     |                      |
| USB 2.0 connectors *                     | 2                           | PCI Express x1 (Gen 4.x) slots      | 2                    |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 1                           | PCI Express x4 (Gen 4.x) slots      | 1                    |
| USB 3.2 Gen 2x2 connectors               | 1                           | PCI Express x16 (Gen 4.x) slots     | 1                    |
|                                          |                             | PCI Express x16 (Gen 5.x) slots     | 1                    |

| Internal I/O                                      |   | Expansion slots         |          |
|---------------------------------------------------|---|-------------------------|----------|
| Number of SATA III connectors *                   | 4 | Number of M.2 (M) slots | 4        |
| Front panel audio connector                       | ✓ | BIOS                    |          |
| ATX Power connector (24-pin)                      | ✓ | BIOS type *             | UEFI AMI |
| CPU fan connector                                 | ✓ | BIOS memory size        | 256 Mbit |
| Number of chassis fan connectors                  | 4 | Packaging data          |          |
| Chassis intrusion connector                       | ✓ | Package width           | 353 mm   |
| Number of COM connectors                          | 1 | Package depth           | 273 mm   |
| Thunderbolt headers                               | 1 | Package height          | 68 mm    |
| 12V power connector                               | ✓ | Package weight          | 2.5 kg   |
| Rear panel I/O ports                              |   | Weight & dimensions     |          |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 6 | Width                   | 305 mm   |
| Ethernet LAN (RJ-45) ports *                      | 1 | Depth                   | 244 mm   |
|                                                   |   | Packaging content       |          |
|                                                   |   | Cables included         | SATA     |
|                                                   |   | Screws included         | ✓        |



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### Catalog Object Cloud



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