

## ASUS ROG MAXIMUS Z890 HERO BTF Intel Z890 LGA 1851 (Socket V1) ATX

**Brand :** ASUS

**Product code:** 90MB1KG0-M0EAY0

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Intel® Z890 LGA 1851 ATX motherboard with a hidden-connector design and graphics card high-power slot for clean cable management, Advanced AI PC-ready, 22+1+2+2 power stages, NPU Boost, DDR5 slots with NitroPath DRAM Technology, DIMM Flex, AEMP III, WiFi 7 with ASUS WiFi Q-Antenna, three PCIe® 5.0 M.2 slots and three PCIe 4.0 M.2 slots onboard with ROG M.2 PowerBoost, PCIe 5.0 x16 SafeSlot with PCIe Slot Q-Release Slim and full support for next-gen graphics cards, two Thunderbolt™ 4 ports, USB 20Gbps Type-C® front-panel connector, ASUS AI Advisor, AI Overclocking, AI Cooling II, AI Networking II and Polymo Lighting II.

5 YIL GARANTİ UZATMA ÜRÜN KAYIT SAYFASI



\*Ürününüzü kaydetmek için QR kodu okutunuz.

| Processor                                |                             | Network                                |                                          |
|------------------------------------------|-----------------------------|----------------------------------------|------------------------------------------|
| Processor manufacturer *                 | Intel                       | Ethernet LAN                           | ✓                                        |
| Processor socket *                       | LGA 1851 (Socket V1)        | Ethernet interface type                | 2.5 Gigabit Ethernet, 5 Gigabit Ethernet |
| Compatible processor series *            | Intel Core Ultra (Series 2) | Wi-Fi *                                | ✓                                        |
| Supported processor sockets              | LGA 1851                    | Top Wi-Fi standard                     | Wi-Fi 7 (802.11be)                       |
| Memory                                   |                             | Wi-Fi standards                        | Wi-Fi 7 (802.11be)                       |
| Supported memory types *                 | DDR5-SDRAM                  | Bluetooth                              | ✓                                        |
| Number of memory slots *                 | 4                           | Bluetooth version                      | 5.4                                      |
| Memory slots type                        | DIMM                        | Features                               |                                          |
| Memory channels                          | Dual-channel                | Motherboard chipset *                  | Intel Z890                               |
| ECC compatibility                        | Non-ECC                     | Audio chip                             | Realtek ALC4082                          |
| Maximum internal memory *                | 256 GB                      | Audio output channels *                | 7.1 channels                             |
| Unbuffered memory                        | ✓                           | Product colour                         | Black                                    |
| Storage controllers                      |                             | Component for *                        | PC                                       |
| Supported storage drive types            | HDD & SSD                   | Motherboard form factor *              | ATX                                      |
| Supported storage drive interfaces *     | M.2, SATA III               | Motherboard chipset family *           | Intel                                    |
| Number of HDDs supported                 | 4                           | Windows operating systems supported    | Windows 11                               |
| Number of storage drives supported       | 10                          | Expansion slots                        |                                          |
| RAID support                             | ✓                           | PCI Express x1 (Gen 4.x) slots         | 1                                        |
| RAID levels                              | 0, 1, 5, 10                 | PCI Express x4 (Gen 4.x) slots         | 1                                        |
| Graphics                                 |                             | PCI Express x16 (Gen 5.x) slots        | 1                                        |
| Parallel processing technology support * | Not supported               | Number of M.2 (M) slots                | 6                                        |
| On-board graphics card                   | ✗                           | 1st M.2 largest key size               | 22110                                    |
| Internal I/O                             |                             | 1st M.2 highest PCI Express generation | 5.0                                      |
| USB 2.0 connectors *                     | 2                           | 2nd M.2 largest key size               | 2280                                     |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 2                           | 2nd M.2 highest PCI Express generation | 4.0                                      |
| USB 3.2 Gen 2 (3.1 Gen 2) connectors *   | 1                           | 3rd M.2 largest key size               | 2280                                     |

| Internal I/O                                      |   | Expansion slots                        |          |
|---------------------------------------------------|---|----------------------------------------|----------|
| USB 3.2 Gen 2x2 connectors                        | 1 | 3rd M.2 highest PCI Express generation | 5.0      |
| Number of SATA III connectors *                   | 4 | 4th M.2 largest key size               | 2280     |
| Front panel audio connector                       | ✓ | 4th M.2 highest PCI Express generation | 5.0      |
| Front panel connector                             | ✓ | 5th M.2 largest key size               | 2280     |
| ATX Power connector (24-pin)                      | ✓ | 5th M.2 highest PCI Express generation | 4.0      |
| CPU fan connector                                 | ✓ | 6th M.2 largest key size               | 2280     |
| Number of CPU fan connectors                      | 2 | 6th M.2 highest PCI Express generation | 4.0      |
| Number of chassis fan connectors                  | 4 |                                        |          |
| Thunderbolt headers                               | 1 |                                        |          |
| 12V power connector                               | ✓ |                                        |          |
| Rear panel I/O ports                              |   | BIOS                                   |          |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | BIOS type *                            | UEFI AMI |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 4 | BIOS memory size                       | 256 Mbit |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 |                                        |          |
| Ethernet LAN (RJ-45) ports *                      | 2 |                                        |          |
| HDMI ports quantity *                             | 1 |                                        |          |
| S/DPDIF out port                                  | ✓ |                                        |          |
| Thunderbolt ports quantity                        | 2 |                                        |          |
| WiFi-AP antenna jack                              | 1 |                                        |          |
|                                                   |   | Packaging data                         |          |
|                                                   |   | Package width                          | 370 mm   |
|                                                   |   | Package depth                          | 312 mm   |
|                                                   |   | Package height                         | 108 mm   |
|                                                   |   | Package weight                         | 4.62 kg  |
|                                                   |   | Weight & dimensions                    |          |
|                                                   |   | Width                                  | 305 mm   |
|                                                   |   | Depth                                  | 244 mm   |
|                                                   |   | Packaging content                      |          |
|                                                   |   | Cables included                        | SATA     |
|                                                   |   | Antenna included                       | ✓        |
|                                                   |   | Drivers included                       | ✓        |



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## Catalog Object Cloud



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