

## ASUS PRO WS W890-SAGE Intel W890 LGA 4710-2 CEB

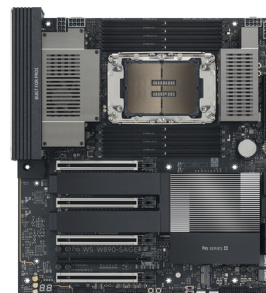
**Brand :** ASUS

**Product code:** 90MB1MW0-M0EAY0

**Product name :** PRO WS W890-SAGE

Intel LGA4710-2 EEB workstation motherboard, 4 PCIe 5.0 x16 slots, multi-GPU support, robust 12+2+2+1+2 power-stage design, CPU and memory overclocking ready, 4 PCIe 5.0 M.2 slots, dual 10 Gb LAN, SlimSAS

ASUS PRO WS W890-SAGE. Processor manufacturer: Intel, Processor socket: LGA 4710-2, Compatible processor series: Intel® Xeon®. Supported memory types: DDR5-SDRAM, Memory slots type: DIMM, Memory channels: Quad-channel. Supported storage drive interfaces: M.2, SATA III, SlimSAS, Supported storage drive types: HDD & SSD, RAID levels: 0, 5, 1, 10. Maximum resolution: 7680 x 4320 pixels. Ethernet interface type: 2.5 Gigabit Ethernet, 10 Gigabit Ethernet



| Processor                                |                        | Rear panel I/O ports                |                                           |
|------------------------------------------|------------------------|-------------------------------------|-------------------------------------------|
| Processor manufacturer *                 | Intel                  | Ethernet LAN (RJ-45) ports *        | 2                                         |
| Processor socket *                       | LGA 4710-2             | DisplayPorts quantity               | 2                                         |
| Compatible processor series *            | Intel® Xeon®           | DisplayPort version                 | 1.4                                       |
| Supported processor sockets              | LGA 4710-2             | Headphone outputs                   | 1                                         |
| Memory                                   |                        | Line-in                             | ✓                                         |
| Supported memory types *                 | DDR5-SDRAM             | Network                             |                                           |
| Number of memory slots *                 | 8                      | Ethernet LAN                        | ✓                                         |
| Memory slots type                        | DIMM                   | Ethernet interface type             | 2.5 Gigabit Ethernet, 10 Gigabit Ethernet |
| Memory channels                          | Quad-channel           | Wi-Fi *                             | ✗                                         |
| ECC compatibility                        | ECC                    | Features                            |                                           |
| Storage controllers                      |                        | Motherboard chipset *               | Intel W890                                |
| Supported storage drive types            | HDD & SSD              | Audio chip                          | Realtek ALC1220P                          |
| Supported storage drive interfaces *     | M.2, SATA III, SlimSAS | Audio output channels *             | 7.1 channels                              |
| Number of HDDs supported                 | 4                      | Product colour                      | Black                                     |
| Number of storage drives supported       | 10                     | Component for *                     | Workstation                               |
| RAID support                             | ✓                      | Motherboard form factor *           | CEB                                       |
| RAID levels                              | 0, 5, 1, 10            | Motherboard chipset family *        | Intel                                     |
| Graphics                                 |                        | Cooling type                        | Passive                                   |
| Parallel processing technology support * | Not supported          | Power source type                   | ATX                                       |
| Maximum resolution                       | 7680 x 4320 pixels     | Windows operating systems supported | Windows 11                                |
| Internal I/O                             |                        | Expansion slots                     |                                           |
| USB 2.0 connectors *                     | 2                      | PCI Express x16 (Gen 4.x) slots     | 1                                         |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 1                      | PCI Express x16 (Gen 5.x) slots     | 4                                         |
| USB 3.2 Gen 2 (3.1 Gen 2) connectors *   | 1                      | Number of M.2 (M) slots             | 4                                         |
| Number of SATA III connectors *          | 4                      | 1st M.2 largest key size            | 2280                                      |

| Internal I/O                                      |   | Expansion slots                        |                   |
|---------------------------------------------------|---|----------------------------------------|-------------------|
| Front panel audio connector                       | ✓ | 1st M.2 highest PCI Express generation | 5.0               |
| Front panel connector                             | ✓ | 2nd M.2 largest key size               | 2280              |
| ATX Power connector (24-pin)                      | ✓ | 2nd M.2 highest PCI Express generation | 5.0               |
| CPU fan connector                                 | ✓ | 3rd M.2 largest key size               | 2280              |
| Number of CPU fan connectors                      | 2 | 3rd M.2 highest PCI Express generation | 5.0               |
| Number of chassis fan connectors                  | 5 | 4th M.2 largest key size               | 2280              |
| Chassis intrusion connector                       | ✓ | 4th M.2 highest PCI Express generation | 5.0               |
| EPS power connector (8-pin)                       | ✓ | <b>BIOS</b>                            |                   |
| Number of EPS power connectors (8-pin)            | 5 | BIOS type *                            | UEFI AMI          |
| Number of COM connectors                          | 1 | BIOS memory size                       | 512 Mbit          |
| 12V power connector                               | ✓ | Clear CMOS button                      | ✓                 |
| Integrated SAS ports                              | 2 | BIOS flashback button                  | ✓                 |
| Number of water pump connectors                   | 1 | <b>Packaging data</b>                  |                   |
| Number of temperature sensor headers              | 1 | Package width                          | 376 mm            |
| RGB LED pin header                                | ✓ | Package depth                          | 320 mm            |
| Number of RGB LED pin headers                     | 2 | Package height                         | 100 mm            |
| <b>Rear panel I/O ports</b>                       |   | Package weight                         | 4.12 kg           |
| USB 2.0 ports quantity *                          | 2 | <b>Weight &amp; dimensions</b>         |                   |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 6 | Width                                  | 305 mm            |
| USB4 Gen 3x2 ports quantity                       | 2 | Depth                                  | 280 mm            |
|                                                   |   | Height                                 | 50 mm             |
|                                                   |   | <b>Packaging content</b>               |                   |
|                                                   |   | Cables included                        | SATA, DisplayPort |
|                                                   |   | Screws included                        | ✓                 |
|                                                   |   | <b>Other features</b>                  |                   |
|                                                   |   | Weight                                 | 2.75 kg           |
|                                                   |   | Number of M.2 (E) slots                | 1                 |



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### Catalog Object Cloud



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