

## ASUS PROART B850-CREATOR WIFI NEO AMD B850 Socket AM5 ATX

**Brand :** ASUS

**Product code:** 90MB1P60-M0EAY0

**Product name :** PROART B850-CREATOR WIFI NEO

ProArt B850-CREATOR WIFI NEO AMD B850 ATX motherboard (14+2+1 Power Stages, DDR5 with AEMP, WiFi 7, Dual Realtek 5Gb Ethernet, 3x M.2 slots, PCIe 5.0 x16 SafeSlots, PCIe Slot Q-Release)

### ASUS PROART B850-CREATOR WIFI NEO AMD B850 Socket AM5 ATX:

The ProArt B850-Creator WiFi Neo is designed to empower creators at every level, delivering optimized performance for the latest AMD Ryzen™ 9000, 8000, and 7000 Series processors, as well as AMD EPYC™ 4005 Series CPUs. Featuring a robust 14+2+1 power stage design, DDR5 support, PCIe® 5.0 expansion, and ultrafast connectivity—including dual 5G Ethernet and WiFi 7—it provides a reliable foundation for demanding creative workloads.

With a refined aesthetic that reflects a professional and elegant design philosophy, the motherboard showcases layered black tones accented with metallic gold details. This platform seamlessly combines performance, connectivity, and design, delivering the power required for today's advanced AI PC applications.



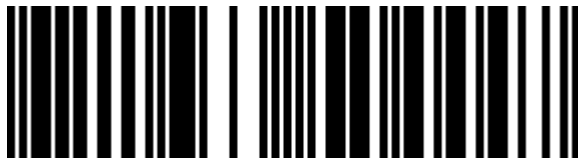
5 YIL GARANTİ UZATMA ÜRÜN KAYIT SAYFASI



\*Ürününüzü kaydetmek için QR kodu okutunuz.

| Processor                                |                                                                     | Rear panel I/O ports         |                    |
|------------------------------------------|---------------------------------------------------------------------|------------------------------|--------------------|
| Processor manufacturer *                 | AMD                                                                 | Ethernet LAN (RJ-45) ports * | 2                  |
| Processor socket *                       | Socket AM5                                                          | HDMI ports quantity *        | 1                  |
| Compatible processor series *            | AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series | HDMI version                 | 2.1                |
|                                          |                                                                     | DisplayPorts quantity        | 1                  |
| Supported processor sockets              | Socket AM5                                                          | DisplayPort version          | 1.4                |
|                                          |                                                                     | Headphone outputs            | 1                  |
| Memory                                   |                                                                     | Line-in                      | ✓                  |
| Supported memory types *                 | DDR5-SDRAM                                                          | Microphone in                | ✓                  |
| Number of memory slots *                 | 4                                                                   | WiFi-AP antenna jack         | 2                  |
| Memory slots type                        | DIMM                                                                | Network                      |                    |
| Memory channels                          | Dual-channel                                                        | Ethernet LAN                 | ✓                  |
| ECC compatibility                        | ECC & Non-ECC                                                       | Ethernet interface type      | 5 Gigabit Ethernet |
| Supported memory clock speed (max)       | 9000 MHz                                                            | Wi-Fi *                      | ✓                  |
| Maximum internal memory *                | 256 GB                                                              | Top Wi-Fi standard           | Wi-Fi 7 (802.11be) |
| Unbuffered memory                        | ✓                                                                   | Wi-Fi standards              | Wi-Fi 7 (802.11be) |
| Maximum internal memory per slot         | 64 GB                                                               | WLAN controller model        | Realtek RTL8922AE  |
| Storage controllers                      |                                                                     | Bluetooth                    | ✓                  |
| Supported storage drive types            | HDD & SSD                                                           | Features                     |                    |
| Supported storage drive interfaces *     | M.2, SATA III                                                       | Motherboard chipset *        | AMD B850           |
| Number of HDDs supported                 | 4                                                                   | Audio chip                   | Realtek ALC1220P   |
| Number of storage drives supported       | 7                                                                   | Audio output channels *      | 7.1 channels       |
| RAID support                             | ✓                                                                   | Product colour               | Black              |
| RAID levels                              | 0, 1, 5, 10                                                         | Component for *              | PC                 |
| Graphics                                 |                                                                     | Motherboard form factor *    | ATX                |
| Parallel processing technology support * | Not supported                                                       | Motherboard chipset family * | AMD                |
| On-board graphics card                   | ✗                                                                   | Cooling type                 | Passive            |
|                                          |                                                                     | Power source type            | ATX                |

| Graphics                                          |                    | Features                               |            |
|---------------------------------------------------|--------------------|----------------------------------------|------------|
| Maximum resolution                                | 7680 x 4320 pixels | Windows operating systems supported    | Windows 11 |
| Internal I/O                                      |                    | Expansion slots                        |            |
| USB 2.0 connectors *                              | 2                  | PCI Express x4 (Gen 1.x) slots         | 1          |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *            | 1                  | PCI Express x16 (Gen 4.x) slots        | 2          |
| USB 3.2 Gen 2 (3.1 Gen 2) connectors *            | 1                  | PCI Express x16 (Gen 5.x) slots        | 2          |
| Number of SATA III connectors *                   | 4                  | Number of M.2 (M) slots                | 3          |
| Front panel audio connector                       | ✓                  | 1st M.2 largest key size               | 2280       |
| Front panel connector                             | ✓                  | 1st M.2 highest PCI Express generation | 5.0        |
| ATX Power connector (24-pin)                      | ✓                  | 2nd M.2 largest key size               | 2280       |
| CPU fan connector                                 | ✓                  | 2nd M.2 highest PCI Express generation | 5.0        |
| Number of CPU fan connectors                      | 2                  | 3rd M.2 largest key size               | 2280       |
| Number of chassis fan connectors                  | 4                  | 3rd M.2 highest PCI Express generation | 4.0        |
| Chassis intrusion connector                       | ✓                  | BIOS                                   |            |
| EPS power connector (8-pin)                       | ✓                  | BIOS type *                            | UEFI AMI   |
| Number of EPS power connectors (8-pin)            | 2                  | BIOS memory size                       | 512 Mbit   |
| Number of COM connectors                          | 1                  | BIOS flashback button                  | ✓          |
| TPM connector                                     | ✓                  | Packaging data                         |            |
| Thunderbolt headers                               | 1                  | Package width                          | 353 mm     |
| Number of water pump connectors                   | 1                  | Package depth                          | 273 mm     |
| Number of temperature sensor headers              | 1                  | Package height                         | 68 mm      |
| RGB LED pin header                                | ✓                  | Package weight                         | 2.14 kg    |
| Number of RGB LED pin headers                     | 3                  | Weight & dimensions                    |            |
| Rear panel I/O ports                              |                    | Width                                  | 305 mm     |
| USB 2.0 ports quantity *                          | 4                  | Depth                                  | 244 mm     |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2                  | Height                                 | 48 mm      |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 2                  | Packaging content                      |            |
|                                                   |                    | Cables included                        | SATA       |
|                                                   |                    | Antenna included                       | ✓          |
|                                                   |                    | Screws included                        | ✓          |
|                                                   |                    | Other features                         |            |
|                                                   |                    | Weight                                 | 1.33 kg    |
|                                                   |                    | Quick installation guide               | ✓          |



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### Catalog Object Cloud



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