

ASUS ProArt X870E-CREATOR WIFI AMD X870E Socket AM5 ATX

Brand : ASUS

Product code: PROART X870E-CREATOR WIFI

Product name : ProArt X870E-CREATOR WIFI

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ASUS ProArt X870E-CREATOR WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7, AMD Ryzen 7 7th Gen, AMD Ryzen 7 8th Gen, AMD.... 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, 10 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: AMD



| Processor | | Rear panel I/O ports | |
|--|---|---|---|
| Processor manufacturer * | AMD | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 |
| Processor socket * | Socket AM5 | USB4 Gen 2x2 ports quantity | 2 |
| Compatible processor series * | AMD Ryzen™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7, AMD Ryzen 7 7th Gen, AMD Ryzen 7 8th Gen, AMD Ryzen 9 7th Gen, AMD Ryzen 9 8th Gen, AMD Ryzen 9 9th Gen | Ethernet LAN (RJ-45) ports * | 2 |
| | | HDMI ports quantity * | 1 |
| | | HDMI version | 2.1 |
| Supported processor sockets | Socket AM5 | DisplayPorts quantity | 1 |
| | | DisplayPort version | 1.4 |
| Memory | | Headphone outputs | 1 |
| Supported memory types * | DDR5-SDRAM | Line-in | ✓ |
| Number of memory slots * | 4 | Microphone in | ✓ |
| Memory slots type | DIMM | WiFi-AP antenna jack | 2 |
| Memory channels | Dual-channel | Network | |
| ECC | ✓ | Ethernet LAN | ✓ |
| Non-ECC | ✓ | Ethernet interface type | 2.5 Gigabit Ethernet, 10 Gigabit Ethernet |
| Supported memory clock speed (max) | 8000 MHz | Wi-Fi * | ✓ |
| Maximum internal memory * | 192 GB | Top Wi-Fi standard | Wi-Fi 7 (802.11be) |
| Unbuffered memory | ✓ | 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) |
| Storage controllers | | Bluetooth | ✓ |
| Supported storage drive types | HDD & SSD | Bluetooth version | 5.4 |
| Supported storage drive interfaces * | M.2, SATA III | Features | |
| Number of HDDs supported | 4 | Motherboard chipset * | AMD X870E |
| Number of storage drives supported | 8 | Audio chip | Realtek S1220A |
| RAID support | ✓ | Audio output channels * | 7.1 channels |
| RAID levels | 0, 1, 5, 10 | Product colour | Black |
| Graphics | | Component for * | PC |
| Parallel processing technology support * | Not supported | Motherboard form factor * | ATX |
| Internal I/O | | Motherboard chipset family * | AMD |
| USB 2.0 connectors * | 3 | Cooling type | Passive |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | | |

| Internal I/O | | Features | |
|---|---|-------------------------------------|-------------------|
| USB 3.2 Gen 2 (3.1 Gen 2) connectors * | 1 | Power source type | ATX |
| Number of SATA III connectors * | 4 | Windows operating systems supported | Windows 11 |
| Front panel audio connector | ✓ | Expansion slots | |
| ATX Power connector (24-pin) | ✓ | PCI Express x16 (Gen 4.x) slots | 1 |
| CPU fan connector | ✓ | PCI Express x16 (Gen 5.x) slots | 2 |
| Number of chassis fan connectors | 5 | Number of M.2 (M) slots | 4 |
| EPS power connector (8-pin) | ✓ | BIOS | |
| Number of COM connectors | 1 | BIOS type * | UEFI AMI |
| 12V power connector | ✓ | BIOS memory size | 256 Mbit |
| RGB LED pin header | ✓ | Weight & dimensions | |
| Rear panel I/O ports | | Width | 305 mm |
| USB 2.0 ports quantity * | 1 | Depth | 244 mm |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 7 | Packaging content | |
| | | Cables included | DisplayPort, SATA |
| | | Other features | |
| | | Quick installation guide | ✓ |
| | | Back-to-BIOS button | ✓ |

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