

ASUS PRO WS W680-ACE IPMI Intel W680 LGA 1700 ATX

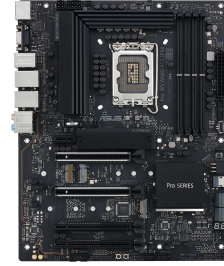
Brand : ASUS

Product code: 90MB1DN0-M0EAY0

Product name : PRO WS W680-ACE IPMI

Intel® W680 (LGA 1700) ATX motherboard, PCIe® 5.0, DDR5, IPMI expansion card, dual Intel® 2.5 Gb Ethernet, PCIe 4.0 M.2, USB 3.2 Gen 2x2 front panel connector, SlimSAS, SATA 6 Gbps, HDMI®, DisplayPort and VGA

ASUS PRO WS W680-ACE IPMI. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, NVMe, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet. Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel



| Processor | | Rear panel I/O ports | |
|--|--|---|------------------------|
| Processor manufacturer * | Intel | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 |
| Processor socket * | LGA 1700 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 |
| Compatible processor series * | Intel® Celeron®, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 |
| Maximum number of SMP processors | 1 | Ethernet LAN (RJ-45) ports * | 2 |
| Supported processor sockets | LGA 1700 | IPMI LAN (RJ-45) port | ✓ |
| Memory | | VGA (D-Sub) ports quantity * | 1 |
| Supported memory types * | DDR5-SDRAM | HDMI ports quantity * | 1 |
| Number of memory slots * | 4 | HDMI version | 2.1 |
| Memory slots type | DIMM | DisplayPorts quantity | 1 |
| Memory channels | Dual-channel | DisplayPort version | 1.4 |
| ECC | ✓ | Line-in | ✓ |
| Non-ECC | ✓ | Microphone in | ✓ |
| Maximum internal memory * | 128 GB | Network | |
| Unbuffered memory | ✓ | Ethernet LAN | ✓ |
| Storage controllers | | Ethernet interface type | 2.5 Gigabit Ethernet |
| Supported storage drive types | HDD & SSD | Wi-Fi * | ✗ |
| Supported storage drive interfaces * | M.2, NVMe, SATA III | Features | |
| RAID support | ✓ | Motherboard chipset * | Intel W680 |
| RAID levels | 0, 1, 5, 10 | Audio output channels * | 7.1 channels |
| Graphics | | Component for * | PC |
| Parallel processing technology support * | Not supported | Motherboard form factor * | ATX |
| Internal I/O | | Motherboard chipset family * | Intel |
| USB 2.0 connectors * | 2 | Cooling type | Passive |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | Power source type | ATX |
| | | Windows operating systems supported | Windows 10, Windows 11 |

| Internal I/O | | Expansion slots | |
|---|---|---------------------------------|-----------|
| USB 3.2 Gen 2 (3.1 Gen 2) connectors * | 1 | PCI Express x1 (Gen 3.x) slots | 1 |
| Number of SATA III connectors * | 4 | PCI Express x16 (Gen 3.x) slots | 2 |
| Front panel audio connector | ✓ | PCI Express x16 (Gen 5.x) slots | 2 |
| Front panel connector | ✓ | Number of M.2 (M) slots | 3 |
| ATX Power connector (24-pin) | ✓ | BIOS | |
| CPU fan connector | ✓ | BIOS type * | UEFI AMI |
| Number of chassis fan connectors | 3 | BIOS memory size | 256 Mbit |
| Peripheral (Molex) power connectors (4-pin) | 1 | Weight & dimensions | |
| EPS power connector (8-pin) | ✓ | Width | 305 mm |
| Number of COM connectors | 1 | Depth | 244 mm |
| TPM connector | ✓ | Packaging content | |
| Thunderbolt headers | 1 | Cables included | SATA, USB |
| 12V power connector | ✓ | User guide | ✓ |
| Integrated SAS ports | 1 | Other features | |
| Rear panel I/O ports | | Back-to-BIOS button | ✓ |
| USB 2.0 ports quantity * | 2 | Number of M.2 (E) slots | 1 |



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