

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 compatibility	ECC & Non-ECC	Line-in	✓
Maximum internal memory *	128 GB	Microphone in	✓
Unbuffered memory	✓	Network	
Storage controllers		Ethernet LAN	✓
Supported storage drive types	HDD & SSD	Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive interfaces *	M.2, NVMe, SATA III	Wi-Fi *	✗
RAID support	✓	Features	
RAID levels	0, 1, 5, 10	Motherboard chipset *	Intel W680
Graphics		Audio output channels *	7.1 channels
Parallel processing technology support *	Not supported	Component for *	PC
		Motherboard form factor *	ATX
		Motherboard chipset family *	Intel
		Cooling type	Passive

Internal I/O		Features	
USB 2.0 connectors *	2	Power source type	ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Windows operating systems supported	Windows 10, Windows 11
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Expansion slots	
Number of SATA III connectors *	4	PCI Express x1 (Gen 3.x) slots	1
Front panel audio connector	✓	PCI Express x16 (Gen 3.x) slots	2
Front panel connector	✓	PCI Express x16 (Gen 5.x) slots	2
ATX Power connector (24-pin)	✓	Number of M.2 (M) slots	3
CPU fan connector	✓	BIOS	
Number of chassis fan connectors	3	BIOS type *	UEFI AMI
Peripheral (Molex) power connectors (4-pin)	1	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓	Weight & dimensions	
Number of COM connectors	1	Width	305 mm
TPM connector	✓	Depth	244 mm
Thunderbolt headers	1	Packaging content	
12V power connector	✓	Cables included	SATA, USB
Integrated SAS ports	1	User guide	✓
Rear panel I/O ports		Other features	
USB 2.0 ports quantity *	2	Back-to-BIOS button	✓
		Number of M.2 (E) slots	1



4711387005934

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 22-MAR-2025. Prints or copies of Information are only valid on the printed Publication date