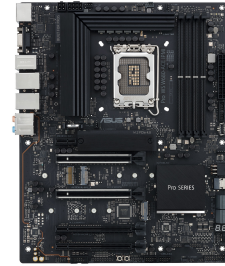


## ASUS PRO WS W680-ACE IPMI Intel W680 LGA 1700 ATX

**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	✓
<b>Memory</b>		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	<b>Network</b>	
Unbuffered memory	✓	Ethernet LAN	✓
<b>Storage controllers</b>		Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive types	HDD & SSD	Wi-Fi *	✗
Supported storage drive interfaces *	M.2, NVMe, SATA III	<b>Features</b>	
RAID support	✓	Motherboard chipset *	Intel W680
RAID levels	0, 1, 5, 10	Audio output channels *	7.1 channels
<b>Graphics</b>		Component for *	PC
Parallel processing technology support *	Not supported	Motherboard form factor *	ATX
<b>Internal I/O</b>		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)	✓	<b>BIOS</b>	
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	<b>Weight &amp; dimensions</b>	
EPS power connector (8-pin)	✓	Width	305 mm
Number of COM connectors	1	Depth	244 mm
TPM connector	✓	<b>Packaging content</b>	
Thunderbolt headers	1	Cables included	SATA, USB
12V power connector	✓	User guide	✓
Integrated SAS ports	1	<b>Other features</b>	
<b>Rear panel I/O ports</b>		Back-to-BIOS button	✓
USB 2.0 ports quantity *	2	Number of M.2 (E) slots	1



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