

## ASUS PRO WS W680M-ACE SE Intel W680 LGA 1700 micro ATX

**Brand :** ASUS

**Product code:** 90MB1FA0-M0EAY0

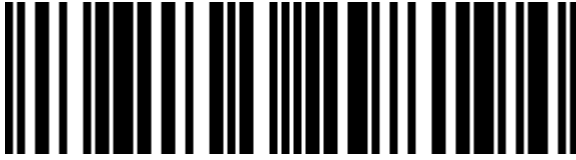
**Product name :** PRO WS W680M-ACE SE

- Intel LGA 1700 socket: Ready for 13th Gen Intel Core processors & 12th Gen Intel Core Processors
  - Enhanced power solution: DrMOS, ProCool connector, alloy chokes and durable capacitors for stable power delivery
  - Next-gen connectivity: PCIe 5.0 Safeslot, 2 x M.2 PCIe 4.0, SlimSAS, dual Intel 2.5Gb Ethernet, front panel USB 3.2 Gen2x2 Type-C, TPM header
  - Server-grade IPMI remote management: Hardware and software-level with a dedicated LAN port link to AST2600 BMC controller, plus a real-time monitoring and management software – ASUS Control Center Express
  - Comprehensive cooling: VRM heatsink, M.2 heatsinks, hybrid fan headers and Fan Xpert 4
  - Trusted stability: Highly compatible with the latest technologies with solid QVL list and tested for 24/7 operation, validated for extensive compatibility
- PRO WS W680M-ACE SE motherboard socket Intel LGA 1700 (micro-ATX, BMC AST2600 onboard, PCIe 5.0, DDR5, dual Intel 2.5 Gb Ethernet, 2 x PCIe 4.0 M.2, SATA 6Gbit/s)



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor socket *	LGA 1700	Ethernet LAN (RJ-45) ports *	3
Compatible processor series *	Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9	VGA (D-Sub) ports quantity *	1
Supported processor sockets	LGA 1700	HDMI ports quantity *	1
Memory		HDMI version	2.1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	DisplayPort version	1.4
Memory slots type	DIMM	Headphone outputs	1
Memory channels	Dual-channel	Line-in	✓
ECC compatibility	Non-ECC	Number of SAS ports	1
Maximum internal memory *	192 GB	Network	
Unbuffered memory	✓	Ethernet LAN	✓
Storage controllers		Ethernet interface type	2.5 Gigabit Ethernet, Gigabit Ethernet
Supported storage drive types	HDD & SSD	Wi-Fi *	✗
Supported storage drive interfaces *	M.2, NVMe, PCI Express 4.0, SATA III, SlimSAS	Features	
Number of HDDs supported	8	Motherboard chipset *	Intel W680
Number of storage drives supported	10	Audio output channels *	7.1 channels
RAID support	✓	Component for *	PC
RAID levels	0, 1, 5, 10	Motherboard form factor *	micro ATX
Graphics		Motherboard chipset family *	Intel
Parallel processing technology support *	Not supported	Cooling type	Passive
Internal I/O		Power source type	ATX
USB 2.0 connectors *	2	Windows operating systems supported	Windows 10, Windows 11
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Expansion slots	
		PCI Express x1 (Gen 3.x) slots	1

Internal I/O		Expansion slots	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x4 (Gen 4.x) slots	1
Number of SATA III connectors *	4	PCI Express x16 (Gen 5.x) slots	1
Audio connector	✓	Number of M.2 (M) slots	2
Front panel connector	✓	<b>BIOS</b>	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	256 Mbit
Number of chassis fan connectors	3	<b>Packaging data</b>	
Chassis intrusion connector	✓	Package width	275 mm
EPS power connector (8-pin)	✓	Package depth	275 mm
Number of COM connectors	1	Package height	67.5 mm
TPM connector	✓	Package weight	1.35 kg
12V power connector	✓	<b>Weight &amp; dimensions</b>	
<b>Rear panel I/O ports</b>		Width	244 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Depth	244 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	<b>Packaging content</b>	
		Cables included	SATA
		User guide	✓
		<b>Other features</b>	
		Weight	820 g
		Back-to-BIOS button	✓



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