ASUS PRO WS W680-ACE Intel W680 LGA 1700 ATX

Brand: ASUS Product code: 90MB1DZ0-M0EAY0

Product name: PRO WS W680-ACE

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

ASUS PRO WS W680-ACE. 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 * Processor socket *	Intel LGA 1700	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Compatible processor series *	Intel® Celeron®, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9,	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Maximum number of SMP	Intel® Pentium® Gold	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
processors	1	Ethernet LAN (RJ-45) ports *	2
Supported processor sockets	LGA 1700	VGA (D-Sub) ports quantity *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	HDMI version	2.1
Number of memory slots *	4	DisplayPorts quantity	1
Memory slots type	DIMM	DisplayPort version	1.4
Memory channels	Dual-channel	Line-in	•
ECC compatibility	ECC & 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	· · ·	Features	
''	mber of HDDs supported 8 mber of storage drives supported 11 D support D lovels 0.1.5.10	Motherboard chipset *	Intel W680
•		Audio output channels *	7.1 channels
RAID support		Product colour	Black
KAID IEVEIS	0, 1, 5, 10	Component for *	PC

Graphics		Features	
Parallel processing technology support * On-board graphics card	Not supported	Motherboard form factor * Motherboard chipset family * Cooling type	ATX Intel Passive
Internal I/O		Power source type	ATX
	2	Windows operating systems	
USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1)	2	supported	Windows 10 x64, Windows 11
connectors *	1	Expansion slots	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x1 (Gen 3.x) slots PCI Express x16 (Gen 3.x) slots	1 2
Number of SATA III connectors *	4	Number of M.2 (M) slots	3
Front panel audio connector	✓	BIOS	
ATX Power connector (24-pin)	✓		UEFI AMI
CPU fan connector	✓	BIOS type * BIOS memory size	256 Mbit
Number of chassis fan connectors Peripheral (Molex) power	3	·	250 Mult
		Packaging data	
connectors (4-pin)	,	Package width	331 mm
EPS power connector (8-pin) Number of COM connectors	1	Package depth	266 mm 76 mm
TPM connector	1 ✓	Package height Package weight	1.18 kg
Thunderbolt headers	1	3 3	1.10 kg
12V power connector	1	Weight & dimensions	
Integrated SAS ports	1	Width	305 mm
,	1	Depth	244 mm 50 mm
Rear panel I/O ports		Height	50 MM
USB 2.0 ports quantity *	2	Packaging content	
		Cables included	SATA
		User guide	✓
		Other features	
		Weight	997 g
		Back-to-BIOS button	✓
		Number of M.2 (E) slots	1





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