## 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	<b>✓</b>
ECC compatibility	ECC & Non-ECC	Microphone in	✓
Maximum internal memory *	128 GB	Network	
Unbuffered memory	1	Ethernet LAN	✓
Storage controllers		Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive types	HDD & SSD	Wi-Fi *	×
Supported storage drive interfaces *		Features	
Number of HDDs supported	8	Motherboard chipset *	Intel W680
Number of storage drives supported		Audio output channels *	7.1 channels
RAID support		Product colour	Black
RAID levels	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 *	ATX Intel
On-board grapnics card	×	Cooling type	Passive
Internal I/O		Power source type	ATX
USB 2.0 connectors *	2	Windows operating systems supported	Windows 10 x64, Windows 11
USB 3.2 Gen 1 (3.1 Gen 1) 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			3
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	<b>✓</b>	BIOS type *	UEFI AMI
Number of chassis fan connectors Peripheral (Molex) power connectors (4-pin)	3 1	BIOS memory size	256 Mbit
		Packaging data	
		Package width	331 mm
EPS power connector (8-pin)	✓	Package depth	266 mm
Number of COM connectors	1	Package height	76 mm
TPM connector	✓	Package weight	1.18 kg
Thunderbolt headers	1	Weight & dimensions	
12V power connector	✓	Width	305 mm
Integrated SAS ports	1	Depth	244 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





4711387006177

0197105006171



197105006171

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.