

ASUS ROG MAXIMUS Z790 HERO Intel Z790 LGA 1700 ATX

Brand : ASUS

Product code: 90MB1C10-M0EAY0

Product name : ROG MAXIMUS Z790 HERO

Intel® Z790 LGA 1700 ATX motherboard with 20+1 power stages, DDR5, five M.2 slots, PCIe® 5.0 NVMe® SSD slot on Hyper M.2 card, PCIe 5.0 x16 SafeSlots with Q-Release, Wi-Fi Fi 6E, Thunderbolt™ 4 ports, USB 3.2 Gen 2x2 front panel connector with Quick Charge 4+ up to 60W, AI Overclocking, AI Cooling II and Aura Sync RGB lighting



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports *	1
Processor socket *	LGA 1700	HDMI ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	HDMI version	2.1
Supported processor sockets	LGA 1700	Headphone outputs	1
Memory		Line-in	✓
Supported memory types *	DDR5-SDRAM	Microphone in	✓
Number of memory slots *	4	S/PDIF out port	✓
Memory slots type	DIMM	Thunderbolt ports quantity	2
Memory channels	Dual-channel	WiFi-AP antenna jack	2
ECC	✗	Network	
Non-ECC	✓	Ethernet LAN	✓
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800 MHz	Ethernet interface type	2.5 Gigabit Ethernet
Supported memory clock speed (max)	7800 MHz	Wi-Fi *	✓
Maximum internal memory *	192 GB	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Unbuffered memory	✓	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Storage controllers		Bluetooth	✓
Supported storage drive types	HDD & SSD	Bluetooth version	5.3
Supported storage drive interfaces *	M.2, SATA III	Features	
RAID support	✓	Motherboard chipset *	Intel Z790
RAID levels	0, 1, 5, 10	Audio chip	Realtek ALC4082
Graphics		Audio output channels *	7.1 channels
Parallel processing technology support *	Not supported	Product colour	Black
On-board graphics card	✗	Component for *	PC
Internal I/O		Motherboard form factor *	ATX
USB 2.0 connectors *	2	Motherboard chipset family *	Intel
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Power source type	ATX
USB 3.2 Gen 2x2 connectors	1	Windows operating systems supported	Windows 10, Windows 11
Number of SATA III connectors *	6	Expansion slots	
Front panel audio connector	✓	PCI Express x16 (Gen 4.x) slots	1
ATX Power connector (24-pin)	✓	PCI Express x16 (Gen 5.x) slots	2
CPU fan connector	✓	Number of M.2 (M) slots	5
Number of chassis fan connectors	4	BIOS	
EPS power connector (8-pin)	✓	BIOS type *	UEFI AMI
12V power connector	✓	BIOS memory size	256 Mbit
RGB LED pin header	✓		

Rear panel I/O ports		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Clear CMOS button	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5	Packaging data	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Package width	370 mm
		Package depth	312 mm
		Package height	108 mm
		Package weight	4.56 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Other features	
		Back-to-BIOS button	✓



4711081931461



4711081931478



5054444535531

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.