

ASUS ROG MAXIMUS Z890 HERO Intel Z890 LGA 1851 (Socket V1) ATX

Brand : ASUS

Product code: 90MB1ID0-M0EAY0

Product name : ROG MAXIMUS Z890 HERO

Intel Z890, LGA1851, 4 x DIMM slots, max. 192GB, DDR5, Realtek 5Gb, Wi-Fi 7, Bluetooth 5.4, ATX, 256 Mb Flash ROM, UEFI AMI BIOS

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ROG Maximus Z890 HERO

The ROG Maximus Z890 Hero unleashes the performance of Intel® Core™ Ultra processors (Series 2) via exclusive AI PC technologies, robust power delivery, optimized thermal management, extensive PCIe® 5.0 support, DDR5 slots and WiFi 7. Meanwhile, angular design elements and Polymo II Lighting accents around the ROG logo deliver a signature aesthetic that elevates system design.



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Processor socket *	LGA 1851 (Socket V1)	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Compatible processor series *	Intel Core Ultra (Series 2)	Ethernet LAN (RJ-45) ports *	2
Memory		HDMI ports quantity *	1
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	USB connector type	USB Type-A, USB Type-C
Non-ECC	✓	Network	
Supported memory clock speed (max)	8800 MHz	Ethernet LAN	✓
Maximum internal memory *	192 GB	Ethernet interface type	2.5 Gigabit Ethernet, 5 Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✓
Storage controllers		Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported storage drive types	HDD & SSD	Bluetooth	✓
Supported storage drive interfaces *	M.2, SATA III	Bluetooth version	5.4
Number of HDDs supported	4	Features	
Number of storage drives supported	10	Motherboard chipset *	Intel Z890
Graphics		Audio chip	Realtek ALC4082
Parallel processing technology support *	Not supported	Audio output channels *	7.1 channels
Internal I/O		Product colour	Black
USB 2.0 connectors *	2	Component for *	PC
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Motherboard form factor *	ATX
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Motherboard chipset family *	Intel
USB 3.2 Gen 2x2 connectors	1	Windows operating systems supported	Windows 11
Number of SATA III connectors *	4	Expansion slots	
Front panel audio connector	✓	PCI Express x1 (Gen 4.x) slots	1
ATX Power connector (24-pin)	✓	PCI Express x16 (Gen 4.x) slots	1
CPU fan connector	✓	PCI Express x16 (Gen 5.x) slots	1

Internal I/O		Expansion slots	
Number of chassis fan connectors	4	Number of M.2 (M) slots	6
EPS power connector (8-pin)	✓	BIOS	
Thunderbolt headers	1	BIOS type *	UEFI AMI
12V power connector	✓	BIOS memory size	256 Mbit
Rear panel I/O ports		Clear CMOS button	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Packaging data	
		Package width	370 mm
		Package depth	312 mm
		Package height	108 mm
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm



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