

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

Brand : ASUS

Product code: 90MB1IA0-M0EAY0

Product name : ROG MAXIMUS Z890 EXTREME

Intel Z890, LGA1851, 4 x DIMM slots, max. 192GB, DDR5, 2.5GB/10GB Ethernet, Wi-Fi 7, Bluetooth 5.4, 2 x 256 Mb Flash ROM, UEFI AMI BIOS, E-ATX

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ROG Maximus Z890 Extreme

The ROG Maximus Z890 Extreme is the ultimate expression of cutting-edge motherboard technology and performance. Discover the upper limits of Intel® Core™ Ultra Series 2 processors, DDR5 modules, PCIe® 5.0 graphics cards, NVMe storage, USB connectivity, Thunderbolt™ functionality and more – all wrapped up in a sleek package featuring a full-color 5-inch long LCD screen that can deliver vibrant imagery or live system stats to suit your personal tastes.



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5
Processor socket *	LGA 1851 (Socket V1)	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
Compatible processor series *	Intel Core Ultra (Series 2)	USB 3.2 Gen 2x2 Type-C ports quantity	1
Memory		Ethernet LAN (RJ-45) ports *	2
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	4	Microphone in	✓
Memory slots type	DIMM	S/PDIF out port	✓
Memory channels	Dual-channel	Thunderbolt ports quantity	2
ECC compatibility	Non-ECC	Network	
Supported memory clock speed (max)	8800 MHz	Ethernet LAN	✓
Maximum internal memory *	192 GB	Ethernet interface type	2.5 Gigabit Ethernet, 10 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
RAID support	✓	Audio chip	Realtek ALC4082
RAID levels	0, 1, 5	Audio output channels *	7.1 channels
Graphics		Product colour	Black
Parallel processing technology support *	Not supported	Component for *	PC
On-board graphics card	✗		

Internal I/O		Features	
USB 2.0 connectors *	2	Motherboard form factor *	Extended ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Motherboard chipset family *	Intel
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Windows operating systems supported	Windows 11
USB 3.2 Gen 2x2 connectors	1	Expansion slots	
Number of SATA III connectors *	4	PCI Express x4 (Gen 4.x) slots	1
Front panel audio connector	✓	PCI Express x16 (Gen 5.x) slots	2
ATX Power connector (24-pin)	✓	Number of M.2 (M) slots	6
CPU fan connector	✓	BIOS	
Number of chassis fan connectors	2	BIOS type *	UEFI AMI
EPS power connector (8-pin)	✓	BIOS memory size	512 Mbit
12V power connector	✓	Clear CMOS button	✓
RGB LED pin header	✓	Packaging data	
		Package width	380 mm
		Package depth	320 mm
		Package height	125 mm
		Package weight	5.73 kg
		Weight & dimensions	
		Width	305 mm
		Depth	277 mm



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