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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	
Processor manufacturer *	Intel
Processor socket *	LGA 1851 (Socket V1)
Compatible processor series *	Intel Core Ultra (Series 2)

Memory	
Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	✓
Supported memory clock speed (max)	8800 MHz
Maximum internal memory *	192 GB
Unbuffered memory	✓

Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	10

Graphics	
Parallel processing technology support *	Not supported

Internal I/O	
USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1
USB 3.2 Gen 2x2 connectors	1
Number of SATA III connectors *	4

Rear panel I/O ports	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports *	2
HDMI ports quantity *	1
Microphone in	✓
S/PDIF out port	✓
Thunderbolt ports quantity	2

Network	
Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet, 10 Gigabit Ethernet
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Bluetooth	✓
Bluetooth version	5.4

Features	
Motherboard chipset *	Intel Z890
Audio chip	Realtek ALC4082
Audio output channels *	7.1 channels
Product colour	Black
Component for *	PC
Motherboard form factor *	Extended ATX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 11

Internal I/O

Front panel audio connector	✓
ATX Power connector (24-pin)	✓
CPU fan connector	✓
Number of chassis fan connectors	2
EPS power connector (8-pin)	✓
12V power connector	✓
RGB LED pin header	✓

Expansion slots

PCI Express x4 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	2

BIOS

BIOS type *	UEFI AMI
BIOS memory size	512 Mbit
Clear CMOS button	✓

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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