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



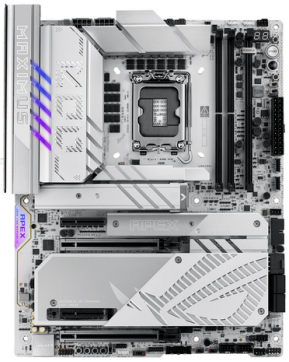
Brand : ASUS

Product code: 90MB1IP0-M0EAY0

Product name : ROG MAXIMUS Z890 APEX

Intel Z890 Chipset, 2 x DIMM slots, max. 96GB, DDR5

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ROG Maximus Z890 APEX
The ROG Maximus Z890 Apex fully supports Intel® Core™ Ultra processors (Series 2). Precision-engineered for supreme overclocking, it carries the legacy of the series forward into a new generation. With exceptional power delivery and a two-slot DDR5 memory layout, overclockers can meet and exceed their ambitions for record-breaking CPU and memory performance. For those who favor lighter colors for the aesthetics of their build, the ROG Maximus Z890 Apex features a cobble-gray surface, polished metallic accents, sleek contours and a predominantly silver palette.

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

Memory	
Supported memory types *	DDR5-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Maximum internal memory *	96 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
RAID support	✔
RAID levels	0, 1, 5, 10

Graphics	
Parallel processing technology support *	Not supported
On-board graphics card	✘

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 *	4
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
Microphone in	✔
S/PDIF out port	✔
Thunderbolt ports quantity	2
WiFi-AP antenna jack	1

Network	
Ethernet LAN	✔
Ethernet interface type	5 Gigabit Ethernet
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Bluetooth	✔
Bluetooth version	5.4

Features	
Motherboard chipset *	Intel Z890
Audio chip	Realtek ALC4080
Audio output channels *	7.1 channels
Product colour	Aluminium
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 11

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

Internal I/O	
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	2
Thunderbolt headers	1
12V power connector	✔
RGB LED pin header	✔

Rear panel I/O ports	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4

Expansion slots	
Number of M.2 (M) slots	6

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

Packaging data	
Package width	370 mm
Package depth	312 mm
Package height	108 mm
Package weight	3.7 kg

Weight & dimensions	
Width	305 mm
Depth	244 mm

Packaging content	
Screws included	✔
Drivers included	✔

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