

# 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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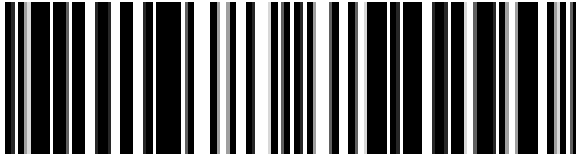
## ROG Maximus Z890 APEX

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		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 2x2 Type-C ports quantity	1
Compatible processor series *	Intel Core Ultra (Series 2)	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	LGA 1851	PS/2 ports quantity	1
Memory		Microphone in	✓
Supported memory types *	DDR5-SDRAM	S/PDIF out port	✓
Number of memory slots *	2	Thunderbolt ports quantity	2
Memory slots type	DIMM	WiFi-AP antenna jack	1
Memory channels	Dual-channel	Network	
Non-ECC	✓	Ethernet LAN	✓
Maximum internal memory *	96 GB	Ethernet interface type	5 Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✓
Storage controllers		Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported storage drive types	HDD & SSD	Wi-Fi standards	Wi-Fi 7 (802.11be)
Supported storage drive interfaces *	M.2, SATA III	Bluetooth	✓
Number of HDDs supported	4	Bluetooth version	5.4
Number of storage drives supported	10	Features	
RAID support	✓	Motherboard chipset *	Intel Z890
RAID levels	0, 1, 5, 10	Audio chip	Realtek ALC4080
Graphics		Audio output channels *	7.1 channels
Parallel processing technology support *	Not supported	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	Windows operating systems supported	Windows 11
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Expansion slots	
USB 3.2 Gen 2x2 connectors	1	PCI Express x4 (Gen 4.x) slots	2
Number of SATA III connectors *	4	PCI Express x16 (Gen 5.x) slots	2
Front panel audio connector	✓	Number of M.2 (M) slots	6
ATX Power connector (24-pin)	✓		

Internal I/O		BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of chassis fan connectors	2	BIOS memory size	512 Mbit
Thunderbolt headers	1	Clear CMOS button	✓
12V power connector	✓	<b>Packaging data</b>	
RGB LED pin header	✓	Package width	370 mm
<b>Rear panel I/O ports</b>		Package depth	312 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Package height	108 mm
		Package weight	3.7 kg
		<b>Weight &amp; dimensions</b>	
		Width	305 mm
		Depth	244 mm
		<b>Packaging content</b>	
		Screws included	✓
		Drivers included	✓



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