

ASUS ROG MAXIMUS Z790 APEX ENCORE Intel Z790 LGA 1700 ATX**Brand :** ASUS**Product code:** 90MB1FX0-M0EAY0**Product name :** ROG MAXIMUS Z790 APEX ENCORE

Intel Z790, LGA1700, 2 x DIMM DDR5, 2x2 Wi-Fi 7 (802.11be), 2.5GB Ethernet, 2 x 256 Mb Flash ROM, UEFI AMI BIOS, ATX

ASUS ROG MAXIMUS Z790 APEX ENCORE. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9,.... Supported memory types: DDR5-SDRAM, Maximum internal memory: 96 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: Wi-Fi 7 (802.11be).

Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel



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 1700	USB 3.2 Gen 2x2 Type-C ports quantity	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	Ethernet LAN (RJ-45) ports *	1
		PS/2 ports quantity	2
Memory		Line-in	✓
Supported memory types *	DDR5-SDRAM	Microphone in	✓
Number of memory slots *	2	S/PDIF out port	✓
Memory slots type	DIMM	Network	
Memory channels	Dual-channel	Ethernet LAN	✓
Non-ECC	✓	Ethernet interface type	2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Supported memory clock speeds	8200,8400,4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800,8000 MHz	Wi-Fi *	✓
Supported memory clock speed (max)	8400 MHz	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Maximum internal memory *	96 GB	Wi-Fi standards	Wi-Fi 7 (802.11be)
Unbuffered memory	✓	Bluetooth	✓
		Bluetooth version	5.4
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	Intel Z790
Supported storage drive interfaces *	M.2, SATA III	Audio chip	Realtek ALC4080
Number of HDDs supported	4	Audio output channels *	7.1 channels
Number of storage drives supported	9	Component for *	PC
RAID support	✓	Motherboard form factor *	ATX
RAID levels	0, 1, 5, 10	Motherboard chipset family *	Intel
Internal I/O		Windows operating systems supported	Windows 10 x64, Windows 11
USB 2.0 connectors *	2	Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x4 (Gen 4.x) slots	2
USB 3.2 Gen 2x2 connectors	1	Number of M.2 (M) slots	3
Number of SATA III connectors *	4	BIOS	
Front panel audio connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
Number of chassis fan connectors	2		
EPS power connector (8-pin)	✓		
Thunderbolt headers	1		
12V power connector	✓		
RGB LED pin header	✓		

Rear panel I/O ports		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	BIOS memory size	512 Mbit
		Clear CMOS button	✓
		Packaging data	
		Package width	370 mm
		Package depth	312 mm
		Package height	108 mm
		Package weight	3.6 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	49 mm
		Other features	
		Weight	1.83 kg



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