## 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

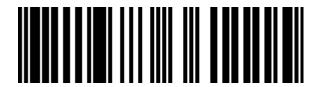
ASUS ROG MAXIMUS Z790 APEX ENCORE. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9,.... Supported memory types: DDR5-SDRAM, Maximum internal memory: 96 GB, Memory slots type: DIMM.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

Rear panel I/O ports		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	BIOS memory size Clear CMOS button	512 Mbit ✓
		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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