

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

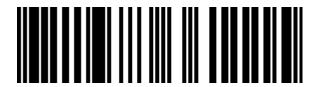
ASUS ROG MAXIMUS Z790 APEX ENCORE. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9,.... Supported memory types: DDR5-SDRAM, Maximum internal memory: 96 GB, Memory slots type: DIMM. 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 * Processor socket *		Intel LGA 1700	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5
Compatible processor series *		Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7,	USB 3.2 Gen 2x2 Type-C ports quantity	1
Compatible processor series		Intel® Core™ i9, Intel® Pentium® Gold	Ethernet LAN (RJ-45) ports * PS/2 ports quantity	1 2
Memory			Line-in	1
Supported memory types * Number of memory slots *	DDR5-SDRAM 2		Microphone in	1
Memory slots type Memory channels Non-ECC	DIMM Dual-channel ✓		S/PDIF out port	*
Supported memory clock speeds	PITZ		Network	
(max) Maximum internal memory *	8400 MHz 96 GB		Ethernet LAN	1
Storage control	lers		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		9	Bluetooth	✓
RAID support		1	Bluetooth version	5.4
RAID levels		0, 1, 5, 10	Features	
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	Windows 10 v64 Windows 11
ATX Power connector (24-pin)		✓	supported	Windows 10 x64, Windows 11
CPU fan connector		1	Expansion slots	
Number of chassis fan connectors		2	PCI Express x4 (Gen 4.x) slots	2
EPS power connector (8-pin)		1	Number of M.2 (M) slots	3
Thunderbolt headers		1	BIOS	
12V power connector		1		
RGB LED pin head	ler	1	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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