

ASUS ROG MAXIMUS Z790 EXTREME Intel Z790 LGA 1700 Extended ATX

Brand : ASUS

Product code: 90MB1CB0-M0EAY0

Product name : ROG MAXIMUS Z790 EXTREME

Intel Z790, LGA1700, 4 x DIMM, Max. 128GB, DDR5, 2.5Gb/10Gb Ethernet, Wi-Fi 6E, Bluetooth v5.3, 2 x 256 Mb Flash ROM, UEFI AMI BIOS, E-ATX

ASUS ROG MAXIMUS Z790 EXTREME. 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: 128 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, 10 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6E (802.11ax), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E.... Component for: PC, Motherboard form factor: Extended ATX, Motherboard chipset family: Intel



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports *	2
Processor socket *	LGA 1700	HDMI ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	HDMI version	2.1
	Intel® Core™ i5, Intel® Core™ i7,	Headphone outputs	1
Supported processor sockets	Intel® Core™ i9, Intel® Pentium® Gold	Line-in	✓
	LGA 1700	Microphone in	✓
Memory		S/PDIF out port	✓
Supported memory types *	DDR5-SDRAM	Thunderbolt ports quantity	1
Number of memory slots *	4	WiFi-AP antenna jack	2
Memory slots type	DIMM	Network	
Memory channels	Dual-channel	Ethernet LAN	✓
ECC compatibility	Non-ECC	Ethernet interface type	2.5 Gigabit Ethernet, 10 Gigabit Ethernet
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800 MHz	Wi-Fi *	✓
Supported memory clock speed (max)	7800 MHz	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Maximum internal memory *	128 GB	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Unbuffered memory	✓	Bluetooth	✓
Storage controllers		Bluetooth version	5.3
Supported storage drive types	HDD & SSD	Features	
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset *	Intel Z790
Number of storage drives supported	11	Audio chip	Realtek ALC4082
RAID support	✓	Audio output channels *	7.1 channels
RAID levels	0, 1, 5, 10	Component for *	PC
Graphics		Motherboard form factor *	Extended ATX
Parallel processing technology support *	Not supported	Motherboard chipset family *	Intel
Internal I/O		Power source type	ATX
USB 2.0 connectors *	2	Windows operating systems supported	Windows 10 x64, Windows 11
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Expansion slots	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x4 (Gen 4.x) slots	1
Number of SATA III connectors *	6		
Front panel audio connector	✓		
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		

Internal I/O		Expansion slots	
Number of chassis fan connectors	2	PCI Express x16 (Gen 5.x) slots	2
EPS power connector (8-pin)	✓	Number of M.2 (M) slots	5
12V power connector	✓	BIOS	
RGB LED pin header	✓	BIOS type *	UEFI AMI
Rear panel I/O ports		BIOS memory size	512 Mbit
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	7	Clear CMOS button	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Packaging data	
USB 3.2 Gen 2x2 Type-C ports quantity	1	Package width	350 mm
		Package depth	185 mm
		Package height	415 mm
		Package weight	5.95 kg
		Weight & dimensions	
		Width	305 mm
		Depth	277 mm
		Height	49 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	3.13 kg



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