ASUS PRIME Z790-A WIFI Intel Z790 LGA 1700 ATX

Brand : ASUS

Product code: 90MB1CS0-M0EAY0

Product name : PRIME Z790-A WIFI

16 + 1 Teamed Power Stages (60A) with Enlarged Heatsinks, Gen 5 Slot for Graphics Card, AEMP II for Ultimate DDR5 Performance, USB 3.2 Gen 2x2 Type-C® & Thunderbolt (USB4®) Support , 2.5 Gb Ethernet, WiFi 6E, Intelligent Control, Al Cooling II

ASUS PRIME Z790-A WIFI. 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: 192 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, 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: 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-C ports quantity *	1
		Intel® Celeron®, Intel® Core [™] i3, Intel® Core [™] i5, Intel® Core [™] i7, Intel® Core [™] i9, Intel® Pentium® Gold	USB 3.2 Gen 2x2 Type-C ports quantity	1
Compatible processor series *			Ethernet LAN (RJ-45) ports *	1
Supported processor sockets		LGA 1700	HDMI ports quantity * DisplayPorts quantity	1
Memory			Headphone outputs	1
Supported memory types *	DDR5-SDRAM		Line-in	1
Number of memory slots * Memory slots type	4 DIMM		Microphone in	
Memory channels	Dual-channel		S/PDIF out port	Č.
ECC Non-ECC	×		WiFi-AP antenna jack	X 1
Supported memory clock speeds	4800,5000,5200	,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200		1
Supported memory clock speed MHz Supported memory clock speed 7200 MHz			Network	
(max) Maximum internal memory *	192 GB		Ethernet LAN	<
Unbuffered memory	√		Ethernet interface type	2.5 Gigabit Ethernet
Storage controllers			Wi-Fi *	✓
Supported storage drive types		HDD & SSD	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported storage drive interfaces a RAID support			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)
RAID levels		0, 1, 5, 10	Bluetooth	✓
Graphics			Bluetooth version	5.3
Parallel processing technology Not supported			Features	
support *		Not supported	Motherboard chipset *	Intel Z790
On-board graphics card		×	Audio output channels *	7.1 channels
Internal I/O			Product colour	Black, White
USB 2.0 connectors *		2	Component for *	PC
USB 3.2 Gen 1 (3.1 Gen 1)		1	Motherboard form factor *	ATX
connectors *		1	Motherboard chipset family *	Intel
USB 3.2 Gen 2 (3.1 Gen 2) connectors *		1	Power source type Windows operating systems	ATX
Number of SATA III connectors *		4	supported	Windows 10 x64, Windows 11
Front panel audio connector				

Internal I/O

ATX Power connector (24-pin)				
CPU fan connector				
Number of chassis fan connectors				
Chassis intrusion connector				
EPS power connector (8-pin)	1			
Number of COM connectors	1			
TPM connector				
Thunderbolt headers				
12V power connector				
RGB LED pin header	<			
Rear panel I/O ports				
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4			

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * 2

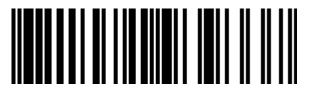
PCI Express x1 (Gen 3.x) slots PCI Express x4 (Gen 4.x) slots PCI Express x16 (Gen 4.x) slots PCI Express x16 (Gen 5.x) slots Number of M.2 (M) slots	2 1 1 1 4			
BIOS				
BIOS type * BIOS memory size Clear CMOS button	UEFI AMI 256 Mbit ✓			
Packaging data				
Package width Package depth Package height Package weight	280 mm 265 mm 71 mm 1.27 kg			
Weight & dimensions				
Width Depth	305 mm 244 mm			
Packaging content				
Cables included Drivers included	SATA			

Expansion slots









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