

ASUS TUF Gaming Z790-PRO Intel Z790 LGA 1700 ATX

Brand : ASUS

Product code: 90MB1FJ0-M0EAY0

Product name : TUF Gaming Z790-PRO

ASUS TUF Gaming Z790-PRO. Processor manufacturer: AMD, 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 *	AMD	HDMI ports quantity *	1
Processor socket *	LGA 1700	HDMI version	2.1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	DisplayPorts quantity	1
	Intel® Core™ i5, Intel® Core™ i7,	DisplayPort version	1.4
Supported processor sockets	Intel® Core™ i9, Intel® Pentium® Gold	Headphone outputs	1
	LGA 1700	Line-in	✓
Memory		Microphone in	✓
Supported memory types *	DDR5-SDRAM	S/PDIF out port	✓
Number of memory slots *	4	WiFi-AP antenna jack	2
Memory slots type	DIMM	Network	
Memory channels	Dual-channel	Ethernet LAN	✓
Non-ECC	✓	Ethernet interface type	2.5 Gigabit Ethernet
Supported memory clock speeds	5333,5133,5066,5000,4800,4700,4600,4500,4400,4266,4133,4000,3866,3733,3600,3466,3400,3333,3200,3000,2933,2800,2666,2400,2133	Wi-Fi *	✓
Supported memory clock speed (max)	7800 MHz	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Maximum internal memory *	192 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	5.2
Supported storage drive types	HDD & SSD	Features	
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset *	Intel Z790
RAID support	✓	Audio chip	Realtek S1220A
RAID levels	0, 1, 5, 10	Audio output channels *	7.1 channels
Graphics		Component for *	PC
Parallel processing technology support *	Not supported	Motherboard form factor *	ATX
Internal I/O		Motherboard chipset family *	Intel
USB 2.0 connectors *	2	Power source type	ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Windows operating systems supported	Windows 10, Windows 11
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Expansion slots	
Number of SATA III connectors *	4	PCI Express x1 (Gen 3.x) slots	2
Front panel audio connector	✓	PCI Express x4 (Gen 4.x) slots	1
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
Number of chassis fan connectors	4		
EPS power connector (8-pin)	✓		
Thunderbolt headers	1		

Internal I/O		Expansion slots	
12V power connector	✓	PCI Express x16 (Gen 4.x) slots	1
RGB LED pin header	✓	PCI Express x16 (Gen 5.x) slots	1
Rear panel I/O ports		Number of M.2 (M) slots	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	BIOS	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	BIOS type *	UEFI AMI
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	BIOS memory size	192 Mbit
USB 3.2 Gen 2x2 Type-C ports quantity	1	Clear CMOS button	✓
Ethernet LAN (RJ-45) ports *	1	Packaging data	
		Package width	340 mm
		Package depth	275 mm
		Package height	70 mm
		Package weight	2.14 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		User guide	✓
		Drivers included	✓



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