



ASUS TUF GAMING Z790-PLUS D4 Intel Z790 LGA 1700 ATX

Brand : ASUS

Product code: 90MB1CQ0-M0EAY0

Product name : TUF GAMING Z790-PLUS D4

ATX, Intel Z790, 4 x DIMM, Max. 128GB, DDR4, 2.5Gb Ethernet, 192Mb Flash ROM, UEFI AMI BIOS, Realtek S1220A 7.1

ASUS TUF GAMING Z790-PLUS D4. 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: DDR4-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. Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor socket *	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	HDMI ports quantity *	1
		HDMI version	2.1
Supported processor sockets	LGA 1700	DisplayPorts quantity	1
		DisplayPort version	1.4
Memory		Headphone outputs	1
Supported memory types *	DDR4-SDRAM	Line-in	✓
Number of memory slots *	4	Microphone in	✓
Memory slots type	DIMM	S/PDIF out port	✓
Memory channels	Dual-channel	Network	
ECC compatibility	Non-ECC	Ethernet LAN	✓
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 MHz	Ethernet interface type	2.5 Gigabit Ethernet
Supported memory clock speed (max)	5333 MHz	Wi-Fi *	✗
Maximum internal memory *	128 GB	Features	
Unbuffered memory	✓	Motherboard chipset *	Intel Z790
Storage controllers		Audio chip	Realtek S1220A
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, SATA III	Component for *	PC
Number of storage drives supported	8	Motherboard form factor *	ATX
RAID support	✓	Motherboard chipset family *	Intel
RAID levels	0, 1, 5, 10	Power source type	ATX
Graphics		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Parallel processing technology support *	Not supported	Expansion slots	
Internal I/O		PCI Express x1 (Gen 3.x) slots	2
USB 2.0 connectors *	2	PCI Express x4 (Gen 4.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x16 (Gen 5.x) slots	1
Number of SATA III connectors *	4	Number of M.2 (M) slots	4
Front panel audio connector	✓		
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
Number of chassis fan connectors	4		
EPS power connector (8-pin)	✓		

Internal I/O		BIOS	
Number of COM connectors	1	BIOS type *	UEFI AMI
Thunderbolt headers	1	BIOS memory size	192 Mbit
12V power connector	✓	Packaging data	
RGB LED pin header	✓	Package width	340 mm
Rear panel I/O ports		Package depth	70 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Package height	275 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Package weight	2.14 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	49 mm
		Packaging content	
		Cables included	SATA
		User guide	✓
		Drivers included	✓
		Other features	
		Weight	1.33 kg



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