

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

Brand : ASUS

Product code: 90MB1CR0-M0EAY0

Product name : TUF GAMING Z790-PLUS WIFI D4

TUF Gaming Z790-Plus WIFI D4 motherboard socket Intel LGA1700 (ATX, PCIe 5.0, DDR4 memory, 4x M.2, HDMI, DisplayPort, Wi-Fi 6, Aura Sync)

ASUS TUF GAMING Z790-PLUS WIFI D4. 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: 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, Top Wi-Fi standard: Wi-Fi 6 (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). Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	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®	Headphone outputs	1
	Gold	Line-in	✓
Memory Supported memory types * Number of memory slots * Memory slots type Memory channels ECC compatibility Supported memory clock speeds Supported memory clock speed (max) Maximum internal memory * Unbuffered memory	DDR4-SDRAM	Microphone in	✓
	4	S/PDIF out port	✓
	DIMM	Wi-Fi-AP antenna jack	2
	Dual-channel	Network	
	Non-ECC	Ethernet LAN	✓
	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	Ethernet interface type	2.5 Gigabit Ethernet
Storage controllers		Wi-Fi *	✓
Supported storage drive types	HDD & SSD	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Supported storage drive interfaces *	M.2, SATA III	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
RAID support	✓	Bluetooth	✓
RAID levels	0, 1, 5, 10	Bluetooth version	5.2
Graphics		Features	
Parallel processing technology support *	Not supported	Motherboard chipset *	Intel Z790
On-board graphics card	✗	Audio chip	Realtek S1220A
Internal I/O		Audio output channels *	7.1 channels
USB 2.0 connectors *	2	Product colour	Black
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Component for *	PC
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Motherboard form factor *	ATX
Number of SATA III connectors *	4	Motherboard chipset family *	Intel
Front panel audio connector	✓	Power source type	ATX

Internal I/O		Features	
ATX Power connector (24-pin)	✓	Windows operating systems supported	Windows 10, Windows 11
CPU fan connector	✓	Expansion slots	
Number of chassis fan connectors	4	PCI Express x1 (Gen 3.x) slots	2
EPS power connector (8-pin)	✓	PCI Express x4 (Gen 4.x) slots	1
Thunderbolt headers	1	PCI Express x16 (Gen 4.x) slots	1
12V power connector	✓	PCI Express x16 (Gen 5.x) slots	1
RGB LED pin header	✓	Number of M.2 (M) slots	4
Rear panel I/O ports		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	BIOS type *	UEFI AMI
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	BIOS memory size	192 Mbit
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Clear CMOS button	✓
USB 3.2 Gen 2x2 Type-C ports quantity	1	Packaging data	
Ethernet LAN (RJ-45) ports *	1	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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