

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	Ethernet LAN (RJ-45) ports *	1
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,	DisplayPorts quantity	1
Supported processor sockets	Intel® Core™ i9, Intel® Pentium® Gold	DisplayPort version	1.4
	LGA 1700	Headphone outputs	1
Memory Supported memory types * DDR4-SDRAM Number of memory slots * 4 Memory slots type DIMM Memory channels Dual-channel ECC ✗ Non-ECC ✓ Supported memory clock speeds 5333, 5333, 5066, 5000, 4800, 4700, 4600, 4500, 4400, 4266, 4133, 4000, 3866, 3733, 3600, 3466, 3400, 3333, 3200, 3000, 2933, 2800, 2666, 2400, 2133 MHz Supported memory clock speed (max) 5333 MHz Maximum internal memory * 128 GB Unbuffered memory ✓		Line-in	✓
		Microphone in	✓
		S/PDIF out port	✓
		WiFi-AP antenna jack	2
		Network	
		Ethernet LAN	✓
		Ethernet interface type	2.5 Gigabit Ethernet
		Wi-Fi *	✓
Storage controllers Supported storage drive types HDD & SSD Supported storage drive interfaces * M.2, SATA III RAID support ✓ RAID levels 0, 1, 5, 10		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)
		Bluetooth	✓
		Bluetooth version	5.2
Graphics Parallel processing technology support * Not supported On-board graphics card ✗		Features	
Internal I/O USB 2.0 connectors * 2 USB 3.2 Gen 1 (3.1 Gen 1) connectors * 1 USB 3.2 Gen 2 (3.1 Gen 2) connectors * 1 Number of SATA III connectors * 4 Front panel audio connector ✓ ATX Power connector (24-pin) ✓ CPU fan connector ✓ Number of chassis fan connectors 4		Motherboard chipset *	Intel Z790
		Audio chip	Realtek S1220A
		Audio output channels *	7.1 channels
		Product colour	Black
		Component for *	PC
		Motherboard form factor *	ATX
		Motherboard chipset family *	Intel
		Power source type	ATX
		Windows operating systems supported	Windows 10, Windows 11

Internal I/O		Expansion slots	
EPS power connector (8-pin)	✓	PCI Express x1 (Gen 3.x) slots	2
Thunderbolt headers	1	PCI Express x4 (Gen 4.x) slots	1
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	✓
		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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