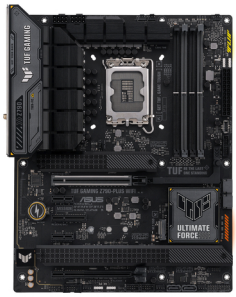
ASUS TUF GAMING Z790-PLUS WIFI Intel Z790 LGA 1700 ATX





Marke : ASUS

Artikel-Code: 90MB1D80-M0EAY0

Produktname : TUF GAMING Z790-PLUS WIFI

ASUS TUF Gaming Z790-Plus WIFI Mainboard Sockel Intel LGA1700 (ATX, PCIe 5.0, DDR5 Speicher, 4x M.2, HDMI, DisplayPort, WiFi 6, Aura Sync)
ASUS TUF GAMING Z790-PLUS WIFI. Prozessorhersteller: Intel, Prozessorsockel: LGA 1700, Kompatible Prozessoren: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9,.... Unterstützte Arbeitsspeicher: DDR5-SDRAM, RAM-Speicher maximal: 128 GB, Arbeitsspeicher Typ: DIMM. Unterstützte Speicherlaufwerk-Schnittstellen: M.2, SATA III, Unterstützte Speicherlaufwerke: HDD & SSD, RAID Level: 0, 1, 5, 10. Ethernet Schnittstellen Typ: 2.5 Gigabit Ethernet, Top WLAN-Standard: Wi-Fi 6 (802.11ax), WLAN-Standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax). Komponente für: PC, Motherboardformfaktor: ATX, Motherboard Chipsatz Familie: Intel

Prozessor

Prozessorhersteller *	Intel
Prozessorsockel *	LGA 1700
Kompatible Prozessoren *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold
Unterstützte Prozessorsteckplätze	LGA 1700

Speicher

Unterstützte Arbeitsspeicher *	DDR5-SDRAM
Anzahl der Speichersteckplätze *	4
Arbeitsspeicher Typ	DIMM
Speicherkanäle	Zweikanalig
ECC-Kompatibilität	Nicht-ECC
Unterstützte Arbeitsspeichergeschwindigkeit	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200 MHz
Unterstützte Speichertaktrate (max.)	7200 MHz
RAM-Speicher maximal *	128 GB
Unbuffered Speicher	✔

Speicher-Controller

Unterstützte Speicherlaufwerke	HDD & SSD
Unterstützte Speicherlaufwerk-Schnittstellen *	M.2, SATA III
RAID-Unterstützung	✔
RAID Level	0, 1, 5, 10

Grafik

Parallele Verarbeitungstechnologie *	Nicht unterstützt
Eingebaute Grafikadapter	✘

Interne E/A-Anschlüsse

Anzahl USB 2.0 Schnittstellen *	2
USB 3.2 Gen 1 (3.1 Gen 1) Anschlüsse *	1
USB 3.2 Gen 2 (3.1 Gen 2) Anschlüsse *	1
SATA III Anschlüsse *	4

E/A-Anschlüsse auf der Rückseite

USB 3.2 Gen 2 (3.1 Gen 2) Anzahl der Anschlüsse vom Typ C *	1
USB 3.2 Gen 2x2 Typ-C Anzahl Anschlüsse	1
Anzahl Ethernet-LAN-Anschlüsse (RJ-45) *	1
Anzahl HDMI-Anschlüsse *	1
HDMI-Version	2.1
Anzahl DisplayPort Anschlüsse	1
DisplayPorts-Version	1.4
Kopfhörerausgänge	1
Line-in	✔
Mikrofon-Eingang	✔
S/PDIF-Ausgang	✔
WiFi-AP-Antennenbuchse	2

Netzwerk

Ethernet/LAN	✔
Ethernet Schnittstellen Typ	2.5 Gigabit Ethernet
WLAN *	✔
Top WLAN-Standard	Wi-Fi 6 (802.11ax)
WLAN-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	5.3

Merkmale

Motherboard Chipsatz *	Intel Z790
Audio-Chip	Realtek S1220A
Audio Kanäle *	7.1 Kanäle
Produktfarbe	Schwarz
Komponente für *	PC
Motherboardformfaktor *	ATX

Interne E/A-Anschlüsse	
Front Panel Audiostecker	✔
ATX Stromstecker (24-pol.)	✔
CPU Ventilatorstecker	✔
Zahl der Chassisventilatorstecker	4
EPS Stromstecker (8-pin)	✔
Zahl der COM Stecker	1
Thunderbolt-Stiftleisten	1
12-V-Stromanschluss	✔
RGB-LED-Stiftleiste	✔

E/A-Anschlüsse auf der Rückseite	
USB 3.2 Gen 1 (3.1 Gen 1) Anzahl der Anschlüsse vom Typ A *	4
USB 3.2 Gen 2 (3.1 Gen 2) Anzahl der Anschlüsse vom Typ A *	2

Merkmale	
Motherboard Chipsatz Familie *	Intel
Energiequelle	ATX
Unterstützt Windows-Betriebssysteme	Windows 10, Windows 11

Erweiterungssteckplätze	
PCI-Express x1 (Gen 3.x)-Anschlüsse	2
PCI Express x4-Steckplätze (Gen 4.x)	1
PCI Express x16-Steckplätze (Gen 4.x)	1
PCI Express x16-Steckplätze (Gen 5.x)	1
Anzahl der M.2 (M)-Steckplätze	4

BIOS	
BIOS-Typ *	UEFI AMI
BIOS-Speichergröße	192 Mbit

Gewicht und Abmessungen	
Breite	305 mm
Tiefe	244 mm

Lieferumfang	
Mitgelieferte Kabel	SATA
Benutzerhandbuch	✔

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