ASUS

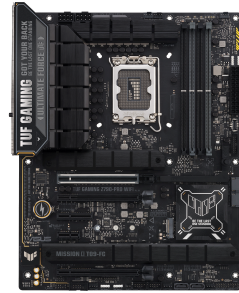# ASUS TUF GAMING Z790-PRO WIFI motherboard Intel Z790 LGA 1700 ATX

Brand : ASUS

Product code: TUF GAMING Z790-PRO WIFI

Product name : TUF GAMING Z790-PRO WIFI

Intel Z790, LGA 1700, 4 x DIMM slots, max. 192GB, 2.5Gb Ethernet, Wi-Fi 6E, Bluetooth 5.3, 192Mb Flash ROM, UEFI AMI BIOS, ATX
ASUS TUF GAMING Z790-PRO WIFI. 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: 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. Ethernet interface type: 2.5 Gigabit Ethernet, Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6E (802.11ax). Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1700
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	✓
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800 MHz
Maximum internal memory *	192 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	8

Graphics

Parallel processing technology support *	Not supported
On-board graphics card	✗

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
USB 3.2 Gen 2x2 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
EPS power connector (8-pin)	✓
Thunderbolt headers	1

Rear panel I/O ports

USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
DisplayPorts quantity	1
Headphone outputs	1
Line-in	✓
Microphone in	✓
S/PDIF out port	✓
COM ports quantity	1

Network

Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet, Gigabit Ethernet
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Bluetooth	✓
Bluetooth version	5.3

Features

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
Windows operating systems supported	Windows 10 x64, Windows 11

Expansion slots

PCI Express x1 (Gen 3.x) slots	1

Internal I/O

12V power connector	✔

Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2

Expansion slots

PCI Express x4 (Gen 4.x) slots	1
PCI Express x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	4

BIOS

BIOS type *	UEFI AMI
BIOS memory size	192 Mbit

Weight & dimensions

Width	305 mm
Depth	244 mm

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