ASUS

ASUS TUF GAMING H670-PRO WIFI D4 Intel H670 LGA 1700 ATX

Brand : ASUS

Product name : TUF GAMING H670-PRO WIFI D4

Product code: 90MB1900-M0EAY0

- Intel® LGA 1700 socket: Ready for 12th Gen Intel® processors
- Enhanced power solution: 14+1 DrMOS, six-layer PCB, 8+4 ProCool sockets, military-grade TUF components and Digi+ VRM for maximum durability
- Comprehensive cooling: Enlarged VRM heatsink, Stack Cool 3+, M.2 heatsinks, PCH heatsink, hybrid fan headers and Fan Xpert 4 utility
- Latest connectivity: PCIe 5.0 slot, PCIe 4.0 M.2 slots, rear USB 3.2 Gen 2x2 Type-C®, front panel header for USB 3.2 Gen 1 Type-C® and Thunderbolt 4™ support
- Made for online gaming: Intel® WiFi 6, Intel®2.5Gb Ethernet, TUF LANGuard
- Two-way AI Noise-Cancelation: Reduces background noise from the microphone and audio output for crystal-clear communication in games or video conferences
Intel® H670 (LGA 1700) ATX motherboard with PCIe 5.0 slot, four PCIe 4.0 M.2 slots, 14+1 DrMOS, Intel® 2.5Gb Ethernet, DisplayPort, HDMI, front USB 3.2 Gen 1 Type-C®, Aura Sync
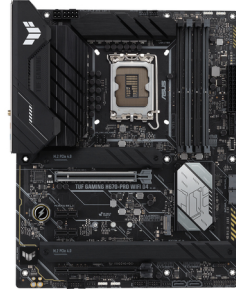
Processor

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®, Intel® Pentium® Gold
Maximum number of SMP processors	1

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	✓
Supported memory clock speeds	2133,2400,2666,2933,3000,3200,3333,3400,3466,3600,3733,4000,4266,4400,4600,4800,5000,5066,5333 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA
RAID levels	0, 1, 5, 10

Graphics

Number of displays supported	2

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
Peripheral (Molex) power connectors (4-pin)	1
EPS power connector (8-pin)	✓

Rear panel I/O ports

USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	1
Microphone in	✓
S/PDIF out port	✓
USB connector type	USB Type-A, USB Type-C

Network

Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✓
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

Features

Motherboard chipset *	Intel H670
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 10 x64, Windows 11 x64
Harmonized System (HS) code	84733020

Expansion slots

PCI Express x1 (Gen 3.x) slots	2

Internal I/O

Number of COM connectors	1
Thunderbolt headers	1
12V power connector	✔
RGB LED pin header	✔

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 x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 5.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
Height	75 mm

Packaging content

Cables included	SATA
Drivers included	✔

Other features

Weight	1.16 kg

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