



# ASUS TUF GAMING H770-PRO WIFI Intel H770 LGA 1700 ATX

Brand : ASUS

Product code: 90MB1D50-M0EAY0

Product name : TUF GAMING H770-PRO WIFI

TUF GAMING H770-PRO WIFI Mainboard socket Intel LGA 1700 (Intel H770, ATX, PCIe 5.0, DDR5 memory, 4x PCIe 4.0 M.2, Intel WiFi 6, Aura Sync)

ASUS TUF GAMING H770-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: 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	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor socket *	LGA 1700	USB 3.2 Gen 2x2 Type-C ports quantity	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	Ethernet LAN (RJ-45) ports *	1
		HDMI ports quantity *	1
Maximum number of SMP processors	1	HDMI version	2.1
Supported processor sockets	LGA 1700	DisplayPorts quantity	1
		DisplayPort version	1.4
Memory		Headphone outputs	1
Supported memory types *	DDR5-SDRAM	Line-in	✓
Number of memory slots *	4	Microphone in	✓
Memory slots type	DIMM	S/PDIF out port	✓
Memory channels	Dual-channel	WiFi-AP antenna jack	2
ECC compatibility	Non-ECC	Network	
Supported memory clock speeds	7200,7000,6800,6600,6400,6200,6000,5800, 5600,5400,5200,5000,4800 MHz	Ethernet LAN	✓
		Ethernet interface type	2.5 Gigabit Ethernet
Supported memory clock speed (max)	7200 MHz	Wi-Fi *	✓
Maximum internal memory *	128 GB	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Unbuffered memory	✓	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Storage controllers		Bluetooth	✓
Supported storage drive types	HDD & SSD	Bluetooth version	5.2
Supported storage drive interfaces *	M.2, SATA III	Features	
Number of HDDs supported	4	Motherboard chipset *	Intel H770
Number of storage drives supported	8	Audio output channels *	7.1 channels
RAID support	✓	Component for *	PC
RAID levels	0, 1, 5, 10	Motherboard form factor *	ATX
Graphics		Motherboard chipset family *	Intel
Parallel processing technology support *	Not supported	Cooling type	Passive
Internal I/O		Power source type	ATX
USB 2.0 connectors *	2		

Internal I/O		Features	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Windows operating systems supported	Windows 10, Windows 11
Number of SATA III connectors *	4	<b>Expansion slots</b>	
Front panel audio connector	✓	PCI Express x1 (Gen 3.x) slots	2
Front panel connector	✓	PCI Express x16 (Gen 4.x) slots	1
ATX Power connector (24-pin)	✓	PCI Express x16 (Gen 5.x) slots	1
CPU fan connector	✓	Number of M.2 (M) slots	4
Number of chassis fan connectors	4	<b>BIOS</b>	
Chassis intrusion connector	✓	BIOS type *	UEFI AMI
Peripheral (Molex) power connectors (4-pin)	1	BIOS memory size	192 Mbit
EPS power connector (8-pin)	✓	<b>Packaging data</b>	
Number of COM connectors	1	Package width	340 mm
Thunderbolt headers	1	Package depth	75 mm
12V power connector	✓	Package height	270 mm
RGB LED pin header	✓	Package weight	1.98 kg
<b>Rear panel I/O ports</b>		<b>Weight &amp; dimensions</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Width	305 mm
		Depth	244 mm
		<b>Packaging content</b>	
		Cables included	SATA
		User guide	✓

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