ASUS TUF GAMING B760M-BTF WIFI Intel B760 LGA 1700 micro ATX





Marke : ASUS

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Produktname : TUF GAMING B760M-BTF WIFI

ASUS TUF GAMING B760M-BTF 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: 192 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: micro 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 *	192 GB
Unbuffered Speicher	✔

Speicher-Controller

Unterstützte Speicherlaufwerke	HDD & SSD
Unterstützte Speicherlaufwerk-Schnittstellen *	M.2, SATA III
Maximale unterstützte Anzahl der HDD	4
Anzahl der unterstützten Speicherlaufwerke	7
RAID-Unterstützung	✔
RAID Level	0, 1, 5, 10

Grafik

Parallele Verarbeitungstechnologie *	Nicht unterstützt

Interne E/A-Anschlüsse

Anzahl USB 2.0 Schnittstellen *	2

E/A-Anschlüsse auf der Rückseite

Anzahl DisplayPort Anschlüsse	1
DisplayPorts-Version	1.4
Kopfhörerausgänge	1
Line-in	✔
Mikrofon-Eingang	✔
WiFi-AP-Antennenbuchse	1

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	5.2

Merkmale

Motherboard Chipsatz *	Intel B760
Audio Kanäle *	7.1 Kanäle
Komponente für *	PC
Motherboardformfaktor *	micro ATX
Motherboard Chipsatz Familie *	Intel
Kühlung	Passiv
Energiequelle	ATX
Unterstützt Windows-Betriebssysteme	Windows 11, Windows 10

Erweiterungssteckplätze

PCI Express x1-Steckplätze (Gen 4.x)	1

Interne E/A-Anschlüsse

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
Front Panel Audiostecker	✔
ATX Stromstecker (24-pol.)	✔
CPU Ventilatorstecker	✔
Zahl der Chassisventilatorstecker	3
Anzahl Molex Anschlüsse 4pin	1
EPS Stromstecker (8-pin)	✔
Zahl der COM Stecker	1
Thunderbolt-Stiftleisten	1
12-V-Stromanschluss	✔
RGB-LED-Stiftleiste	✔

E/A-Anschlüsse auf der Rückseite

Anzahl USB 2.0 Anschlüsse *	4
USB 3.2 Gen 1 (3.1 Gen 1) Anzahl der Anschlüsse vom Typ A *	2
USB 3.2 Gen 1 (3.1 Gen 1) Anzahl der Anschlüsse vom Typ C *	1
USB 3.2 Gen 2 (3.1 Gen 2) Anzahl der Anschlüsse vom Typ A *	1
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

Erweiterungssteckplätze

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

BIOS

BIOS-Typ *	UEFI AMI
BIOS-Speichergröße	128 Mbit
Clear-CMOS-Taste	✔

Gewicht und Abmessungen

Breite	244 mm
Tiefe	244 mm

Lieferumfang

Mitgelieferte Kabel	SATA
Benutzerhandbuch	✔

Sonstige Funktionen

Audioausgang	Realtek 7.1 Surround Sound High Definition Audio CODEC* - Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking - Supports up to 24-Bit/192 kHz playback **Audio Features** - Audio Shielding - Dedicated audio PCB layers * A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.
Spezielle Eigenschaften	**Total supports 3 x M.2 slots and 4 x SATA 6Gb/s ports*** **Intel® Core™ Processors (14th & 13th & 12th Gen)** M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode) **Intel® B760 Chipset** M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode) M.2_3 slot (Key M), type 2280 only (supports PCIe 4.0 x4 mode)** 4 x SATA 6Gb/s ports * Intel® Rapid Storage Technology supports SATA RAID 0/1/5/10. ** M.2_3 slot shares bandwidth with PCIEX16(G4) slot. When M.2_3 slot has be installed a device, PCIEX16(G4) slot will be disabled.
Duplex Scan-Geschwindigkeit (Farbe)	4 x DIMM, Max. 192GB, DDR5 7200(OC)/7000(OC)/6800(OC)/6600(OC)/6400(OC)/6200(OC)/6000(OC)/5800(OC)/5600/5400/5200/5000/4800 Non-ECC, Un-buffered Memory* Dual Channel Memory Architecture Supports Intel® Extreme Memory Profile (XMP) OptiMem II * Supported memory types, data rate (speed), and number of DRAM modules vary depending on the CPU and memory configuration, for more information please refer to CPU/Memory Support list under the Support tab of product information site or visit https://www.asus.com/support/ * Non-ECC, un-buffered DDR5 memory supports On-Die ECC function.
Grafischer Ausgang	1 x DisplayPort** 1 x HDMI™ port*** * Graphics specifications may vary between CPU types. Please refer to www.intel.com for any updates. ** Supports max. 4K@60Hz as specified in DisplayPort 1.4. *** Supports 4K@60Hz as specified in HDMI 2.1.

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