

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

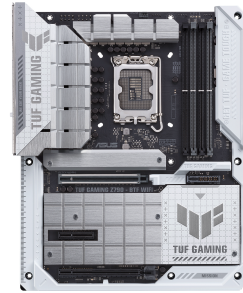
Brand : ASUS

Product code: 90MB1GU0-M0EAY0

Product name : TUF GAMING Z790-BTF WIFI

Intel Socket LGA1700, Z790 Chipset, 4 x DIMM slots, Max. 192GB, DDR5 7200

ASUS TUF GAMING Z790-BTF WIFI. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Pentium® Gold, 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, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: Wi-Fi 7 (802.11be). 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 2 (3.1 Gen 2) Type-C ports quantity * | 1 |
| Compatible processor series * | Intel® Celeron®, Intel® Pentium® Gold, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9 | USB 3.2 Gen 2x2 Type-C ports quantity | 1 |
| Supported processor sockets | LGA 1700 | Ethernet LAN (RJ-45) ports * | 1 |
| Memory | | HDMI ports quantity * | 1 |
| Supported memory types * | DDR5-SDRAM | DisplayPorts quantity | 1 |
| Number of memory slots * | 4 | Microphone in | ✓ |
| Memory slots type | DIMM | S/PDIF out port | ✓ |
| Memory channels | Dual-channel | Wi-Fi-AP antenna jack | 1 |
| Non-ECC | ✓ | Network | |
| Supported memory clock speeds | 7200,7000,6800,6600,6400,6200,6000,5800,5600,5400,5200,5000,4800 MHz | Ethernet LAN | ✓ |
| Supported memory clock speed (max) | 7200 MHz | Ethernet interface type | 2.5 Gigabit Ethernet |
| Maximum internal memory * | 192 GB | Wi-Fi * | ✓ |
| Unbuffered memory | ✓ | Top Wi-Fi standard | Wi-Fi 7 (802.11be) |
| Storage controllers | | Wi-Fi standards | Wi-Fi 7 (802.11be) |
| Supported storage drive types | HDD & SSD | Bluetooth | ✓ |
| Supported storage drive interfaces * | M.2, SATA III | Bluetooth version | 5.4 |
| Number of HDDs supported | 4 | Features | |
| Number of storage drives supported | 8 | Motherboard chipset * | Intel Z790 |
| RAID support | ✓ | Audio output channels * | 7.1 channels |
| RAID levels | 0, 1, 5, 10 | Component for * | PC |
| Graphics | | Motherboard form factor * | ATX |
| Parallel processing technology support * | Not supported | Motherboard chipset family * | Intel |
| Internal I/O | | Windows operating systems supported | Windows 10 x64, Windows 11 |
| USB 2.0 connectors * | 2 | Expansion slots | |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | PCI Express x4 (Gen 4.x) slots | 1 |
| USB 3.2 Gen 2 (3.1 Gen 2) connectors * | 1 | PCI Express x16 (Gen 4.x) slots | 1 |
| Number of SATA III connectors * | 4 | PCI Express x16 (Gen 5.x) slots | 1 |
| Front panel audio connector | ✓ | | |

| Internal I/O | | Expansion slots | |
|---|---|-------------------------|----------|
| ATX Power connector (24-pin) | ✓ | Number of M.2 (M) slots | 4 |
| CPU fan connector | ✓ | BIOS | |
| Number of chassis fan connectors | 4 | BIOS type * | UEFI AMI |
| EPS power connector (8-pin) | ✓ | BIOS memory size | 192 Mbit |
| Number of COM connectors | 1 | Packaging data | |
| Thunderbolt headers | 1 | Package width | 370 mm |
| 12V power connector | ✓ | Package depth | 312 mm |
| RGB LED pin header | ✓ | Package height | 108 mm |
| Rear panel I/O ports | | Package weight | 3.95 kg |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | Weight & dimensions | |
| | | Width | 305 mm |
| | | Depth | 244 mm |
| | | Packaging content | |
| | | Cables included | SATA |
| | | Screws included | ✓ |



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