

ASUS TUF GAMING B450-PLUS II AMD B450 Socket AM4 ATX

Brand : ASUS

Product code: 90MB1650-M0EAY0

Product name : TUF GAMING B450-PLUS II

- Comprehensive cooling: VRM heatsinks, PCH heatsink, Fan Xpert 4 core
 - Next-gen connectivity: USB 3.2 Gen 2 Type-A and Type-C support
 - Realtek S1200A codec: Pristine audio quality with unprecedented 108 dB signal-to-noise ratio for stereo line out and 103 dB SNR for line in
 - AI Noise-Canceling Microphone: Provides crystal-clear in-game voice communication
 - Aura Sync RGB Lighting: Synchronize LED lighting with a vast portfolio of compatible PC gear
- AMD B450, AM4, ATX, 4 x DIMM DDR4, M.2, HDMI, DisplayPort, USB 3.2 Gen 2 Type-A, USB 3.2 Gen 1 Type-A and Type-C, Aura Sync RGB



| | | | |
|------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------|------------------------|
| Processor | | Rear panel I/O ports | |
| Processor manufacturer * | AMD | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Processor socket * | Socket AM4 | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1 |
| Compatible processor series * | AMD Ryzen 3000 Series | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 |
| Maximum number of SMP processors | 1 | Ethernet LAN (RJ-45) ports * | 1 |
| Memory | | HDMI ports quantity * | 1 |
| Supported memory types * | DDR4-SDRAM | HDMI version | 2.0b |
| Number of memory slots * | 4 | DisplayPorts quantity | 1 |
| Memory slots type | DIMM | DisplayPort version | 1.2 |
| Memory channels | Dual-channel | USB connector type | USB Type-A, USB Type-C |
| ECC compatibility | ECC | Network | |
| Supported memory clock speeds | 2133,2400,2666,2800,3000,3200,3400,3466,3533,3600,3733,3866,4000,4400 | Ethernet LAN | ✓ |
| Maximum internal memory * | 128 GB | Ethernet interface type | Gigabit Ethernet |
| Unbuffered memory | ✓ | LAN controller | Realtek L8200A |
| Storage controllers | | Wi-Fi * | ✗ |
| Supported storage drive types | HDD & SSD | Features | |
| Supported storage drive interfaces * | M.2, SATA | Motherboard chipset * | AMD B450 |
| RAID levels | 0, 1, 10 | Audio chip | Realtek ALC S1200A |
| Graphics | | Audio output channels * | 8 channels |
| Parallel processing technology support * | CrossFireX | Component for * | PC |
| Internal I/O | | Motherboard form factor * | ATX |
| USB 2.0 connectors * | 2 | Motherboard chipset family * | AMD |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | | |
| Number of SATA III connectors * | 6 | | |

| Internal I/O | | Features | |
|----------------------------------|---|-------------------------------------|-------------------------------|
| Total number of SATA connectors | 6 | Cooling type | Active |
| S/PDIF out connector | ✓ | Power source type | ATX |
| Audio connector | ✓ | Number of mounting holes | 8 |
| Front panel audio connector | ✓ | Windows operating systems supported | Windows 10 x64, Windows 7 x64 |
| ATX Power connector (24-pin) | ✓ | Expansion slots | |
| Number of EATX power connectors | 1 | PCI Express x1 (Gen 2.x) slots | 3 |
| CPU fan connector | ✓ | PCI Express x16 (Gen 3.x) slots | 1 |
| Number of chassis fan connectors | 2 | Number of M.2 (M) slots | 1 |
| Number of COM connectors | 1 | BIOS | |
| TPM connector | ✓ | BIOS type * | UEFI AMI |
| RGB LED pin header | ✓ | BIOS memory size | 256 Mbit |
| Rear panel I/O ports | | Clear CMOS jumper | ✓ |
| USB 2.0 ports quantity * | 2 | Logistics data | |
| | | Harmonized System (HS) code | 84733020 |
| | | Weight & dimensions | |
| | | Width | 305 mm |
| | | Depth | 244 mm |
| | | Packaging content | |
| | | Cables included | SATA |
| | | Drivers included | ✓ |



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