

CPU	AMD Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series Desktop Processors * Refer to www.asus.com for CPU support list.
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Chipset	B550
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Memory	4 x DIMM, Max. 128GB, DDR4 4866(OC)/4800(OC)/4600(OC)/4466(OC)/4400(OC)/4333(OC)/4266(OC)/4200(OC)/4133(OC)/4000(OC)/3866(OC)/3733(OC)/3600(OC)/3466(OC)/3400(OC)/3333(OC)/3200/3000/2933/2800/2666/2400/2133, Un-buffered Memory* Dual Channel Memory Architecture * ECC Memory (ECC mode) support varies by CPU. * Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists), and memory frequency support depends on the CPU types.
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Graphics	1 x DisplayPort** 1 x HDMIport*** * Graphics specifications may vary between CPU types. ** Supports max. 4K@60Hz as specified in DisplayPort 1.2. *** Supports 4K@60Hz as specified in HDMI 2.1.
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Expansion Slots	AMD Ryzen™ 5000 Series/ 3000 Series Desktop Processors 1 x PCIe 4.0 x16 slot (supports x16 mode)* AMD Ryzen™ 5000 G-Series/ 4000 G-Series Desktop Processors 1 x PCIe 3.0 x16 slot (supports x16 mode)* AMD B550 Chipset 1 x PCIe 3.0 x16 slot (supports x4 mode)** 1 x PCIe 3.0 x1 slot** * Support PCIe bifurcation for RAID on CPU function. ** PCIEX16_2 will run x2 mode when PCIEX1 slot is used.
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Storage	AMD Ryzen™ 5000 Series/ 3000 Series Desktop Processors M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 & SATA modes) AMD Ryzen™ 5000 G-Series/ 4000 G-Series Desktop Processors M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 & SATA modes) AMD B550 Chipset M.2_2 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 3.0 x4 & SATA modes) 4 x SATA 6Gb/s ports Support RAID 0, 1, 10
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Ethernet	TUF LANGuard
Wireless & Bluetooth	2x2 Wi-Fi 6 (802.11 a/b/g/n/ac/ax) + BT5.2
USB	2 x USB 3.2 Gen 2 ports (1 x Type-A + 1 x USB Type-C) 4 x USB 3.2 Gen 1 ports (4 x Type-A) 2 x USB 2.0 ports (2 x Type-A) Front USB:Total 6 ports 1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports 2 x USB 2.0 headers support additional 4 USB 2.0 ports
Audio	ALC897 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 - Rear optical S/PDIF out port - Premium audio capacitors - Dedicated audio PCB layers - Audio cover

Back Panel I/O Ports	2 x USB 3.2 Gen 2 ports (1 x Type-A + 1 x USB Type-C) 4 x USB 3.2 Gen 1 ports (4 x Type-A, one port can be switched to USB BIOS FlashBack™) 2 x USB 2.0 ports (2 x Type-A) 1 x DisplayPort 1 x HDMI port 1 x Wi-Fi Module 1 x Realtek 2.5Gb Ethernet port 5 x Audio jacks 1 x Optical S/PDIF out port 1 x BIOS FlashBack™ button 1 x PS/2 Keyboard/Mouse combo port
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Internal I/O Connectors	Fan and Cooling related 1 x 4-pin CPU Fan header 1 x 4-pin CPU OPT Fan header 2 x 4-pin Chassis Fan headers Power related 1 x 24-pin Main Power connector 1 x 8-pin +12V Power connector Storage related
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	2 x M.2 slots (Key M)
	4 x SATA 6Gb/s ports
	USB
	1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports
	2 x USB 2.0 headers support additional 4 USB 2.0 ports
	Miscellaneous
	1 x Addressable Gen 2 header
	2 x AURA RGB headers
	1 x Clear CMOS header
	1 x COM Port header
	1 x Front Panel Audio header (AAFP)
	1 x Speaker header
	1 x SPI TPM header (14-1pin)
	1 x 10-1 pin System Panel header

Special Features

ASUS TUF PROTECTION

- DIGI+ VRM (Digital power design with DrMOS)
- Enhanced DRAM Overcurrent Protection
- ESD Guards
- TUF LANGuard
- Overvoltage Protection
- SafeSlot
- Stainless-Steel Back I/O

ASUS Q-Design

- Q-DIMM
- Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green])
- Q-Slot

ASUS Thermal Solution

- M.2 heatsink
- VRM heatsink design

ASUS EZ DIY

- BIOS FlashBack™ button
- BIOS FlashBack™ LED
- ProCool

AURA Sync

- AURA RGB headers
- Addressable Gen 2 header

Software Features

ASUS Exclusive Software

- Armoury Crate
- Aura Creator
 - Aura Sync
 - Two-Way AI Noise Cancelation
- AI Suite 3
- Performance And Power Saving Utility
- TurboV EVO
- EPU
- DIGI+ VRM

	Fan Xpert 2+ - EZ update TUF GAMING CPU-Z AI Charger DAEMON Tools DTS Custom for GAMING Headsets Norton Anti-virus software (Free Trial version) WinRAR UEFI BIOS ASUS EZ DIY - ASUS CrashFree BIOS 3 - ASUS EZ Flash 3 - ASUS UEFI BIOS EZ Mode
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BIOS	256 Mb Flash ROM, UEFI AMI BIOS
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Manageability	WOL by PME, PXE
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Accessories	Cables
	2 x SATA 6Gb/s cables
	Miscellaneous
	1 x ASUS Wi-Fi moving antennas
	1 x I/O Shield
	1 x M.2 Rubber package
	1 x M.2 SSD screw package
	1 x TUF Gaming sticker
	Installation Media
	1 x Support DVD
	Documentation
	1 x TUF Certification card
1 x User guide	

Operating System	Windows 10 64bit
	Windows 11 ready
	Windows 10 64-bit

Form Factor	microATX
	24.4cm x 24.4cm