

ASUS ROG CROSSHAIR VIII EXTREME - motherboard - extended ATX - Socket AM4 - AMD X570



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SKU	90MB1860-M0EAY0
Product Description:	ASUS ROG CROSSHAIR VIII EXTREME - motherboard - extended ATX - Socket AM4 - AMD X570
Product Type:	Motherboard - extended ATX
Chipset Type:	AMD X570
Processor Socket:	1 x Socket AM4
Compatible Processors:	Ryzen (supports Ryzen 2000 Series/ 2000 G-Series/ 3000 Series/ 3000 G-Series/ 4000 G-Series/ 5000 Series/ 5000 G-Series)
Max RAM Size:	128 GB
RAM Supported:	4 DIMM slots - DDR4 unbuffered

General

Product Type:	Motherboard - extended ATX
Chipset Type:	AMD X570
Processor Socket:	Socket AM4
Max Processors Qty:	1
Compatible Processors:	Ryzen (supports Ryzen 2000 Series/ 2000 G-Series/ 3000 Series/ 3000 G-Series/ 4000 G-Series/ 5000 Series/ 5000 G-Series)

Supported RAM

Max Size:	128 GB
Technology:	DDR4

Manufacturer Warranty

Service & Support:	Limited warranty - 3 years
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Miscellaneous

Included Accessories:	ROG fan stickers, DIMM.2 extension card, 3 thermistor cables, ROG thank you card, RGB Addressable LED extension cable, 4 x M.2 screws, screwdriver, thermal pad for M.2 SSD, ROG logo plate sticker, Q-Connector, ROG key chain, ASUS Wi-Fi moving aerial, USB drive, graphics card holder, 1 to 3 ARGB LED splitter cable, 1 to 4 fan splitter cable, ROG Fan Controller, ROG CLAVIS DAC
Cables Included:	3 x Serial ATA cable External fan power adapter cable
Software Included:	ROG CPU-Z, ASUS AI Suite III, ASUS Turbo App, ASUS EZ Flash 3, DAEMON Tools, WinRAR, ASUS ROG RAMCache III, Sonic Studio Virtual Mixer, BullGuard Internet Security (1 year licence), ROG GameFirst VI, ASUS AURA Creator, AIDA64 Extreme (1 year licence)
Width:	30.5 cm
Depth:	27.7 cm

Supported RAM

Bus Clock:	2400 MHz, 2133 MHz, 2800 MHz, 3000 MHz, 2666 MHz, 2933 MHz, 3400 MHz (O.C.), 3466 MHz (O.C.), 3733 MHz (O.C.), 3600 MHz (O.C.), 3866 MHz (O.C.), 4000 MHz (O.C.), 4133 MHz (O.C.), 4400 MHz (O.C.), 4266 MHz (O.C.), 4600 MHz (O.C.), 4800 MHz (O.C.), 3200 MHz, 4866 MHz (O.C.), 5000 MHz (O.C.), 5100 MHz (O.C.)
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Registered or Buffered:	Unbuffered
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Features:	Dual channel memory architecture
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Audio

Type:	HD Audio (8-channel)
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Audio Codec:	SupremeFX (ALC4082)
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Compliant Standards:	High Definition Audio, DTS Sound Unbound
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LAN

Network Controller:	Intel I225-V / AQtion AQC113CS
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Network Interfaces:	10 Gigabit Ethernet, 2.5 Gigabit Ethernet, 802.11a/b/g/n/ac/ax, Bluetooth 5.2
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Expansion / Connectivity

Expansion Slots:	1 x CPU ; 4 x DIMM 288-pin ; 2 x PCIe 4.0 x16 (dual x8 mode; single card: x16 mode) ; 1 x PCIe 3.0 x16 (x8 mode) ; 1 x PCIe 3.0 x1
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Storage Interfaces:	SATA-600 -connectors: 6 x 7pin Serial ATA ; SATA-600 / PCIe 4.0 -connectors: 1 x M.2 ; PCIe 4.0 -connectors: 2 x M.2 ; SATA-600 / PCIe 4.0 -connectors: 1 x DIMM.2 - 2 devices
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Interfaces:	1 x LAN (10Gigabit Ethernet) ; 1 x LAN (2.5Gigabit Ethernet) ; 2 x Thunderbolt 4/DisplayPort/USB4 ; 1 x microphone - mini-jack ; 1 x audio line-in - mini-jack ; 1 x TOSLINK ; 8 x USB 3.2 Gen 2 ; 1 x audio line-out (center/subwoofer) - mini-jack ; 1 x audio line-out (rear) - mini-jack ; 2 x DisplayPort input
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Features

BIOS Type:	AMI
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BIOS Features:	BIOS FlashBack, UEFI BIOS
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Sleep / Wake Up:	Wake on LAN (WOL), wake on PME
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Hardware Features:	DualBIOS, jack retasking, ASUS Q-Design, Q-DIMM, ASUS EZ DIY, Q-LED, Q-Slot, ProbelT, ASUS Extreme Engine Digi+, CrashFree BIOS 3, ASUS Q-Connector, audio jack detect technology, ASUS EPU (Energy Processing Unit), NVIDIA 2-way SLI Technology Support, ASUS TPU (TurboV Processing Unit), ASUS ROG Extreme OC, Q-Code, SupremeFX Shielding technology, ASUS DIGI+ Power Control, Preboot eXecution Environment (PXE), Status OLED, Clear CMOS Button, Dual Intelligent Processors 5, ASUS Fan Xpert 4, ASUS SafeSlot, Sonic Radar III, Sonic Studio III, pre-mounted I/O shield, LN2 Switch, ASUS Aura Sync, Armoury Crate, ESS 9018 SABRE HiFi DAC, MicroFine Alloy Chokes, ASUS OptiMem III, LED-illuminated audio jacks, FlexKey button, ASUS ProCool II, ASUS HYDRANODE, M.2 Q-Latch
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Expansion / Connectivity

**Internal
Interfaces:**

4 x USB 2.0 - header | 1 x USB-C Gen2 - header | 4 x USB 3.2 Gen 1 - header | 1 x USB-C Gen 2x2 - header | 1 x audio - header

**Power
Connectors:**

24-pin main power connector, 2 x 8-pin ATX12V connectors, 6-pin PCI Express power connector

