



ASUS ROG Crosshair VIII Impact AMD X570 Socket AM4 Mini DTX

Model: 90MB11Q0-M0EAY0

Manufacturer: ASUS

EAN: 4718017372558

Product Code: 475708

R10,110

AMD AM4 X570 Mini-DTX enthusiast gaming motherboard with an SO-DIMM.2 card (dual M.2), Wi-Fi 6 (802.11 ax), PCIe 4.0, SupremeFX audio, Aura Sync RGB LED lighting, SATA 6Gb/s and USB 3.2 Gen 2

Crosshair VIII IMPACT

The ROG Crosshair VIII series heralds the arrival of Impact, the compact motherboard with colossal potential. Primed and primed for latest 3rd Gen AMD Ryzen CPUs, Crosshair VIII Impact's Mini-DTX frame packs loads of ATX-grade features, including advanced power delivery and cooling, dual M.2, next-gen Wi-Fi 6 (802.11ax) and onboard SupremeFX audio. It's the perfect choice for a small-form-factor gaming rig ready to rival full-size builds.

COMPACT DESIGN

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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Impact's unusual Mini-DTX form factor is a deliberate choice. Many Mini-ITX cases ship with enough space for a dual-slot graphics card, meaning there's typically unused space below the bottom PCIe® slot – space that could be utilized to mount more components or enable additional features. Being marginally taller than mini-ITX allows Impact to exploit this unused space, allowing ROG engineers to squeeze in features while still fitting a large proportion of mini-ITX PC cases.

ROG Crosshair VIII Impact stacks up storage, audio and control features onto innovative vertical daughter boards, leaving us spare room onboard to add more connectivity and engineer features normally found on ATX boards into a small-form-factor (SFF) footprint.

OPTIMAL PERFORMANCE

ROG Crosshair VIII Impact is equipped with an optimized power design and comprehensive cooling to exploit prodigious might of the latest AMD Ryzen processors without performance-zapping thermal throttling. It also packs innovations to double up on memory and push frequencies to the max.

POWER DESIGN

The monstrous compute power of multi-core processors necessitates a power circuit that rapidly responds to massive current swings. Featuring an array of 10 strategically paired power stages, the Impact's VRM is geared for any workload and all operating conditions.

OPTIMIZATION

ROG gives you powerful tools that make optimizing your system fast and easy. For those who relish fine-grained control, the UEFI BIOS has a wealth of advanced options organized into intuitive categories that provide the ability to tweak every aspect of your system.

UEFI BIOS

The renowned ROG UEFI (BIOS) provides everything you need to configure, tweak, and tune your rig. It offers intelligently simplified options for newcomers to PC DIY, as well as comprehensive features for seasoned veterans.

Designed to simplify setup, EZ mode presents all the vital settings and stats on a single page. With guided wizards, drag-and-drop functionality, and one-click application of important settings, your rig will be up and running in no time.

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CONNECTIVITY

ROG Crosshair VIII Impact offers advanced connectivity to ensure seamless gaming experiences. This includes Intel Ethernet and the latest Wi-Fi 6 (802.11ax). It also has the two M.2 slots integrated into the SO-DIMM module, plus the same SupremeFX audio codec you'll find on ATX ROG boards.

PERSONALIZATION

ROG provides a range of intuitive software that enables easy control of your advanced gaming hardware and ensures seamless component compatibility. From RGB lighting, networking and audio to storage optimization and more, ROG gives you the power to personalize your system just the way you want.

GAMEFIRST V NETWORK CONTROL

GameFirst V is an ROG-exclusive tool that optimizes network traffic and your connection for faster, lag-free online gaming. Select the best Wi-Fi channel for maximum stability and minimum interference, team your gateways and keep tabs on bandwidth-hogging apps, all from an intuitive interface that enables easy, on-the-fly adjustments.

THE POWER OF AMD

AMD X570 chipset

The AMD X570 chipset delivers outstanding overclocking capabilities for the latest AMD AM4 socket for 3rd and 2nd Gen AMD Ryzen™ / 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics Processors. It is optimized for multiple GPU configurations, including NVIDIA SLI® and AMD CrossFireX™. It also supports x16 PCI Express® 4.0/3.0 lanes and provides 10Gb/s USB 3.2 Gen 2 ports and 6 Gb/s SATA ports for faster data retrieval.

AMD AM4 Socket for 3rd and 2nd Gen AMD Ryzen™ / 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics Processors

The high-performance 3rd Gen AMD Ryzen™ processors are based on the next-gen 7nm Zen architecture and support up to 16 processor cores. AMD AM4-socket processors feature dual-channel DDR4 memory, native 10Gb/s USB 3.2 Gen 2 and x16 PCI Express® 4.0/3.0 lanes for superb performance.

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