

Asus Intros Compact ROG AMD X570 Motherboards

Written by Frederick Douglas
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Asus announces a pair of compact ROG-branded AMD X570 motherboards-- the Asus ROG Crosshair VIII Impact (Mini-DTX, 20.3 x 17cm) and ROG Strix X570-I Gaming (Mini-ITX, 17 x 17cm), both featuring premium designs aimed at gamer and enthusiast customers.



As the company puts it, the motherboards will "treat users to the full-on ROG experience in a small package." As such, both motherboards carry Infineon TDA21472 power stages as part of the VRM architecture, something Asus says helps with rapidly changing current demands, minimising switching and conduction losses, and maintaining thermal performance.

Cooling comes through large heatsinks and two Delta Superflo fans rated to last over 60000 hours cooling chipset and VRM areas. Also included are heatpipes designed to minimise thermal throttling from components operating with high core count processors. The two motherboards have PCIe x16 and M.2 slots wired with PCIe 4.0 for high-performance graphics NVMe drive connectivity. Wifi 6 (802.11ax) support is also included.

The Corsair VIII Impact has a bundled expansion card with heatsink allowing the connection of two M.2 drives via SO-DIMM interface, and users can tweak memory via OptiMem III for lower latencies, voltages and higher frequencies. An Asus SupermeFX and ESS ES9023P DAC take care of audio, and a ROG Sonic Studio III adds immersive sound. A dedicated header for USB 3.2 gen 2 front panel connectors provides easy access to USB-C connectivity.

Meanwhile the ROG Strix X570-I Gaming includes an AIO pump header alongside the

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chassis-fan header for cooling flexibility. Audio comes through a SupremeFX S1220A, DTS Sound Unbound and Sonic Studio III. The motherboard is compatible with AMD APUs, and has both HDMI 2.0 and DP 1.4 outputs on the back panel.

The two Asus motherboards should be available now.

Go [Asus ROG Crosshair VIII Impact](#)

Go [Asus ROG Strix X570-I Gaming](#)