

Asus ROG Intros Mini-ITX Ryzen Motherboards

Written by Marco Attard
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Asus ROG announces a pair of motherboards for the AMD Socket AM4 platform-- the Strix X370-I Gaming and Strix B350-I Gaming, both aimed for customers wanting to build a compact AMD Ryzen system.



While built around the diminutive mini-ITX format, the two motherboards offer liquid-ready cooling, M.2 SSD heatsink, amped-up audio and addressable RGB lighting. They use the same 6-phase VRM design as full-size Asus ATX boards for AM4, and handle the higher memory clocks required by the platform through shorter traces in the dual-DIMM configuration.

5-Way Optimisation technology promises simpler overclocking through an intelligent auto-tuner able to automatically overclock the CPU and configure the cooling based on the components making the PC. First-timers can overclock the machine with a single click, while veterans can tweak settings manually.

The boards feature 3 onboard fan headers, with x2 handling air fans and x1 configured for liquid pumps and all-in-one coolers. All headers take from multiple sensors, and adapt automatically to 3-pin DC or 4-pin PWM devices.

A custom-designed small riser PCB accommodates both M.2 SSD heatsink and Supreme FX audio (an important feature, since the board cannot handle add-in audio cards). The PCIe slot port features SafeSlot reinforcements, and is secured to the circuit board via extra solder points and metal bracing.

Connectivity comes through x4 SATA, x2 USB 3.1 and x1 Gen1 USB ports, plus an internal USB 2.0 header for front-panel ports. Wireless comes through onboard MU-MIMO 802.11ac dual-band wifi complete with 2x2 antenna plus Bluetooth.

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Asus still has to announce when the Strix X370-I and B350-I Gaming ship in Europe, but they are available in the us from late October.

Go [Bring Ryzen to Mini-ITX With ROG's Strix X370-I and B350-I Gaming Motherboards](#)