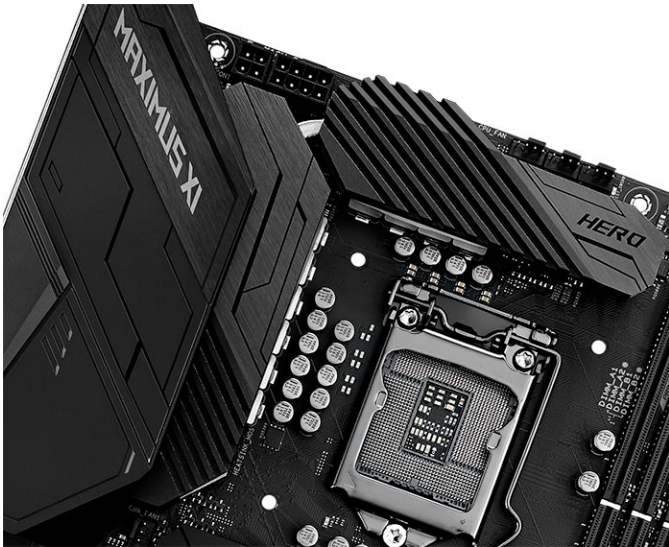


Asus Intros Z390 Motherboards

Written by Alice Marshall
10 October 2018

The 9th generation Intel Core processor launch brings about motherboards releases-- such as the Asus portfolio of Z390-based motherboards under the ROG, ROG Strix, Prime, WS and TUF Gaming portfolios.



Asus offers no less than 16 products (19 if one counts wifi-enabled variants), ranging from the Strix Z390-I Gaming mini-ITX board to the Maximus XI Extreme EATX. Many of the motherboards feature AI Overclocking, a piece of software Asus says (simulates a human overclocker by increasing clock speeds, tweaking voltages, and testing stability before pursuing higher frequencies." Lower-end motherboards lack the software, but instead offer OC Tuner to boost clock speeds with a choice of predefined profiles.

The full-size Asus Z390 motherboards feature at least 8 CPU power phases, and 1 more for the integrated graphics. Many of the boards include heatsinks extended beyond the MOSFETs and chokes, while the 8-pin power connectors use solid pins to increase reliability and conductivity. Other features vary according to model, and include Optimem II memory traces, MemOK! rollback, smarter air and liquid cooling accommodation, Fan Xpert 4, Aura Sync LED lighting, SupremeFX sound, Sonic Studio III, Intel gigabit wifi via CNVi, Intel gigabit ethernet controllers and USB 3.1 Gen 2 ports.

On the higher-end of the Asus Z390 motherboard offering are ROG Maximus XI Extreme, Maximus XI Formula, Maximus XI Code, Maximus XI Hero (WiFi/COD4) and Maximus XI Gene, all blacked-out boards designed for "dream builds." Meanwhile the ROG Strix portfolio is designed for gaming and overclocking, and includes the full-size Strix Z390-E, Z390-F and Z390-H Gaming, as well as the mini-ITX Strix Z390-I Gaming.

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The TUF Gaming Z390 series includes the ATX TUF Z390-PRO Gaming and TUF Z390-PLUS, together with the micro ATX TUF Z390M-PRO Gaming. Professional and prosumer customers get a choice of either the full-featured WS and stripped down Prime motherboards.

All the above mentioned motherboards should be available now.

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