Intel Launches 10th Gen Core X-Series High-End Processors

Written by Marco Attard
 02 October 2019

Intel aims at enthusiast and creative customers with the launch of the 10th gen Core X-series, high-end processors with features such as wifi AX200 (aka Gig+) support, Deep Learning (DLBoost) instructions for AI and Optane 905P SSD support.

All processors making the Core X-series offer 72 PCIe lanes, and include Turbo Boost 2.0, Turbo Boost 3.0 (with favoured cores), Optane support, TDP and memory support. The highest-end model is the Core i9-10980XE Extreme Edition, with 18 cores/36 threads, boost up to 4.8GHz, 24.75MB L3 cache and a TDP of 165W. On the lower end is the Core i9-10900X, with 10 cores/20 threads, 3.7GHz base clock and up to 4.7GHz turbo.

The chips ship unlocked for overclocking, and are tunable using Performance Maximiser, a software tool allowing for "one-button" processor overclocking. It also includes some future seen in other tuning utilities, such as the adjustment of voltage and clock speeds, without need to manually tweak voltages and memory timings.

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The Core X-Series processors ship on November 2019, which coincidentally (or not really) is the same month AMD ships the 16-core Ryzen.

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