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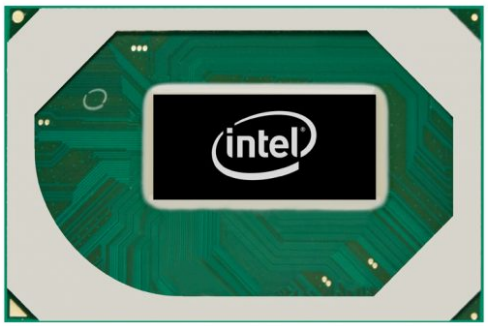
Intel announces the 9th generation of Core mobile H-series processors-- the "most powerful" generation of laptop chipsets from the company yet, offering up to 8 cores and 16 threads with clock speeds of 5GHz.



“Our new 9th Gen platform is designed to delight gamers, creators and performance users by giving them more of what they want," Chipzilla says. "We are bringing desktop-caliber performance with up to 5Ghz and 8 cores in a range of thinner systems and new level of connectivity with Wifi 6 (Gig+) so users can game or create where they want.”

The 9th gen Core H-series features a full range of processors, including i5, i7 and i9. The top-of-the-line chip on offer is the Core i9-9980HK, described by Intel as the first mobile processor with up to 5GHz clock speed with Intel Thermal Velocity Boost, 8 cores, 16 threads and support for 16MB of Smart Cache.

Intel also claims the processors offer a 33% overall performance leap and up to 28% "increased responsiveness" compared to a 3-year old PC, with Intel Dynamic Tuning providing "continuous performance optimisation." Connectivity also gets a boost, since the addition of a Wifi 6 AX200 solution promises a 300% increase in throughput and a 75% latency reduction, at least if paired with a Wifi 6 router.

Laptops are not the only machines getting new Intel processors-- Chipzilla also launched 9th gen Core desktop processors, with 25 options ranging from i3 up to i9. Also available are entry-level Pentium Gold and Celeron processors.

Machines powered by 9th gen Intel Core mobile processors should be shipping now from OEMs

including Acer, Asus, Dell, HP, Lenovo and MSI.

Go 9th Gen Intel Core: The Most Powerful Laptop Platform