

Intel NUC 13 Extreme Sets New Standard for Gaming Performance

New NUC Features Unlocked 13th Gen Intel Core Processors, Delivering Next-Gen Performance for Gaming and Content Creation.



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What's New: Today, Intel launched the new Intel® NUC 13 Extreme Kit (code-named Raptor Canyon) and Intel NUC 13 Extreme Compute Element, which combine to make the most powerful Intel NUC ever built¹. The NUC 13 Extreme features unlocked² 13th Gen Intel® Core™ desktop processors and space for new triple-slot, 12-inch graphics cards to unleash even more performance for enthusiast gamers and content creators.



"This year marks the 10-year anniversary for our impressive lineup of Intel NUC products, and the Intel NUC 13 Extreme (code named Raptor Canyon) is an excellent representation of how far we've come. Our first ever NUC demonstrated a breakthrough in the miniaturization of a small desktop PC into an ultra-small PC form factor. While much larger than our tiniest mini-PC, our latest Intel NUC 13 Extreme sets a new bar for how to pack stellar gaming performance in a form factor that is 70% smaller than a typical 50L gaming tower. Along with the epic performance you expect from an Intel NUC product, we also deliver exceptional product quality and feature density in a completely modular and customizable design."

—Brian McCarson, Intel Vice President and General Manager of the Intel NUC Group

Why It Matters: The Intel NUC 13 Extreme pairs an optimized thermal design with off-the-charts performance and never-before-seen features. The redesigned chassis optimizes airflow to reduce noise and throttling during intense gameplay and heavy workloads, all while maintaining the signature compact NUC footprint.

About Its Minimalist Design, Massive Power: The modular Intel NUC 13 Extreme achieves incredible speed with up to a 13th Gen Intel® Core™ i9 desktop processor with eight Performance-cores (P-cores) and 16 Efficient-cores (E-cores), 32 threads and up to an incredible 5.8 GHz max turbo frequency.

The NUC 13 Extreme includes all the additional features and connectivity gamers need, including:

- Support for up to 64GB dual-channel DDR5-5600 MHz SODIMMs.
- Support for PCIe Gen5 x16 new triple-slot 12" graphics cards.
- Support for up to three PCIe Gen 4 NVMe SSDs (M.2 2280).
- Intel® 2.5GbE (i226-V) / 10GbE (AQC113) LAN.
- Intel® Killer™ Wi-Fi 6E.
- Two Thunderbolt™ 4 ports.

- Six USB 3.2 Gen2 rear ports.

Intel unveils the Intel® NUC 13 Extreme Kit (code-named Raptor Canyon) and Intel NUC 13 Extreme Compute Element. The modular Intel NUC 13 Extreme Compute Element features unlocked 13th Gen Intel® Core™ processors (Credit: Intel Corporation) Intel unveils the Intel® NUC 13 Extreme Kit (code-named Raptor Canyon) and Intel NUC 13 Extreme Compute Element. The modular Intel NUC 13 Extreme Compute Element features unlocked 13th Gen Intel® Core™ processors (Credit: Intel Corporation)

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[Download all images \(ZIP, 17 MB\)](#)

About Availability: The Intel NUC 13 Extreme is expected to be available first in China with a release to wider audiences during the fourth quarter of 2022, with more rolling out through early 2023. Prices for the Intel NUC 13 Extreme Kit will range from \$1179 to \$1549, and \$760 to \$1100 for the Intel NUC 13 Extreme Compute Element depending on the configuration, and will allow users to customize their memory, storage and operating system to suit their needs.

More Context: [Intel NUC 13 Extreme Product Brief](#)

[\(PDF\) | Intel NUC 13 Extreme](#)

[Tech Specs](#)

(PDF)

The Small Print:

¹ Based on unlocked 13th Gen Intel Core i9/i7/i5 processors at 125W
—nearly twice the Base Power of the previous generation
processors.

² Overclocking may void warranty or affect system health. Results
may vary. See www.intel.com/overclocking for details.

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