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Intel NUC 12 Extreme Brings Performance Hybrid Architecture to the NUC Form Factor

Intel introduces socketed desktop processors to the NUC family for the first time.



News

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The Intel NUC 12 Extreme (code-named Dragon Canyon) and the Intel NUC 12 Extreme Compute Element (code-named Eden Bay), a highly modular desktop PC kit engineered to provide phenomenal performance for high-end gaming and content creation tasks, launch on Feb. 24, 2022. With the latest 12th Gen Intel Core desktop processors, the Intel NUC 12 Extreme delivers massive performance and features that enthusiast gamers and professional creators need in a compact and modular form factor. (Credit: Intel Corporation)



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What's New: Today, Intel announced the Intel® NUC 12 Extreme (code-named Dragon Canyon) and the Intel® NUC 12 Extreme Compute Element (code-named Eden Bay), a highly modular desktop PC kit engineered to provide phenomenal

performance for high-end gaming and content creation tasks. With the latest 12th Gen Intel Core desktop processors, capacity for full-size 12-inch discrete graphics cards and a full range of I/O ports including Thunderbolt™ 4, the Intel NUC 12 Extreme delivers massive performance and features that enthusiast gamers and professional creators need in a compact and modular form factor.



The Intel NUC 12 Extreme brings Intel's new performance hybrid architecture and a socketed motherboard to the NUC line for the first time. For those who want a powerful system with a small footprint and more versatility than ever before, the Intel NUC 12 Extreme Kit is an outstanding option.

Why It Matters: The most powerful Intel NUC yet encompasses new features, like performance hybrid architecture and access to faster PCIe interfaces, accelerating load times, all in a footprint that can fit on any desk.

Built with flexibility in mind, the modular Intel NUC 12 Extreme Compute Element provides enthusiast gamers and creators the ability to create their own small form-factor designs , giving users the option to be creative and configure the system footprint to their liking.

About Its Monster Performance, Small

Footprint: The NUC 12 Extreme offers breakthrough speeds with up to a 12th Gen Intel® Core™ i9 processor, featuring eight Performance-cores (P-cores) and eight Efficient-cores (E-cores), 24 threads and up to 5.1 GHz turbo boost max frequency.

Additional features include:

- Intel® UHD Graphics 770 (32EU)
- Support for up to 64 GB dual-channel DDR4-3200 MHz SODIMMs
- Support for PCIe Gen5 x16 graphics cards
 - Backwards compatible with PCIe Gen4 and Gen3 devices
- Support for up to three PCIe Gen4 M.2 SSDs
- Two Thunderbolt 4 ports, Intel® Wi-Fi 6E AX211, a 10Gbps Ethernet port standard; and additional 2.5Gbps Ethernet port on Intel Core i9 processor SKUs

About Availability: The Intel NUC 12 Extreme will be available starting in the second quarter of 2022, with more rolling out through the year. Pricing will range from \$1,150 to \$1,450 for Intel Core i7 and Intel Core i9, respectively.

More Context: Intel NUC 12 Extreme

(Product Brief)

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