

11 things to know about

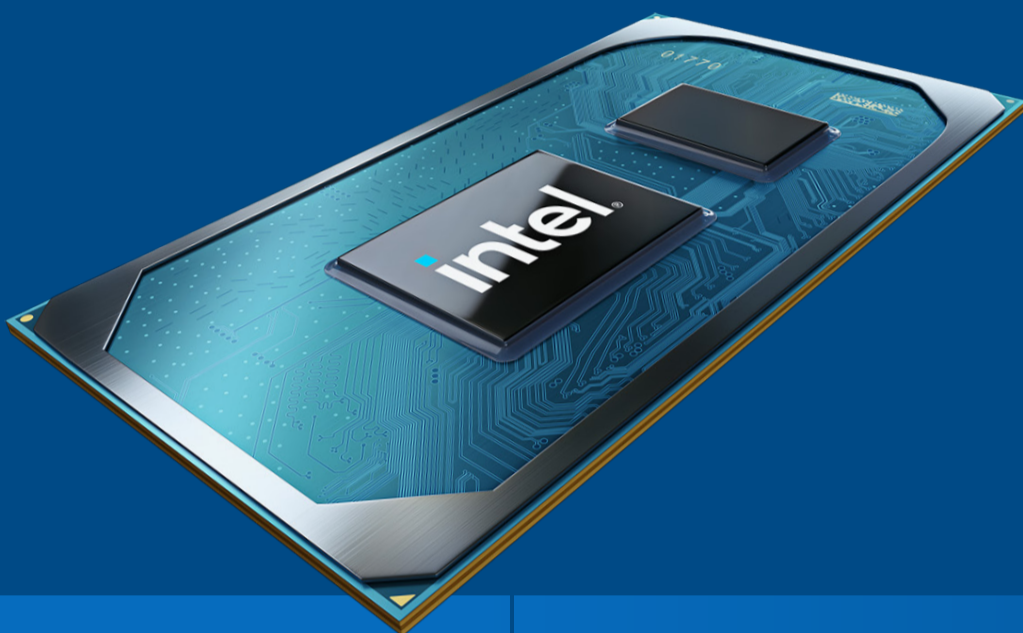
11th Gen Intel Core

Check out the top 11 things to know about 11th Gen Intel® Core® and the new Intel® Evo™ platform brand.



1 Intel's most ambitious system-on-chip
11th Gen Intel Core processors represent the world's best processors for thin-and-light laptops.¹

2 Pushing frequency
The Willow Cove CPU and Intel® Xe graphics architectures are implemented on Intel's new 10nm SuperFin process technology—reaching up to 4.8 Ghz of CPU frequency for the first time in this class of processor.



3 Video chat seamlessly
The platform will offer artificial intelligence-enhanced experiences, including CPU offload for neural noise suppression, background blur and video super-resolution. It will also include the latest video decode and integrated Intel® Wi-Fi 6 (Gig+).

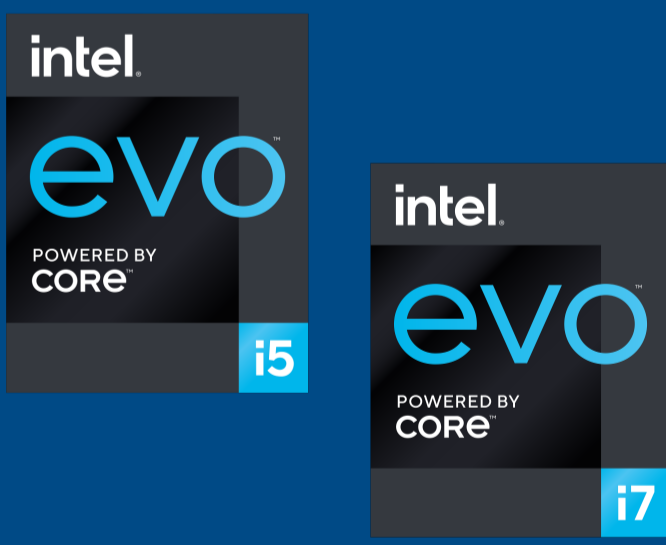
4 Speed up productivity
20% faster performance for running everyday tasks
Thunderbolt™ 4 provides single-cable access to fast-charging, external monitors and extended storage.

5 Create better art, faster
2.7x faster photo editing
2x faster real-world video editing²
The platform will also support 8K 12b HDR and up to four simultaneous 4K HDR displays.

6 Level up to serious gameplay
2x the game performance over previous generations³
Double your frames per second on titles like Borderlands 3, Far Cry New Dawn, Hitman 2 and more.

7 Immerse yourself
11th Gen Intel Core processors deliver more immersive content experiences and improve system-level power by approximately 20% versus prior generations, which translates to over an hour of additional video streaming on battery.⁴

8 Introducing the Intel Evo platform brand
The Intel Evo platform is the second edition of Project Athena laptops. It's co-engineered to remove distractions and perfect the experiences that ensure consistent responsiveness and freedom from power cords.⁵



9 Put to the real-world test
By measuring workflows under real-world conditions, Intel's unique testing-and-measuring methodology provides confidence that when you buy an Intel Evo laptop it's verified to be the best.⁶



10 Great experiences
Key experience targets include consistent responsiveness on battery, wake from sleep in less than one second, nine or more⁷ hours of real-world battery life and fast charging with up to a four hour charge in under 30 minutes on designs with FHD displays.⁸

11 Coming soon
More than 150 designs based on 11th Gen Intel Core processors expected—with over 20 verified under Intel Evo—from Acer, Asus, Dell, Dynabook, HP, LG, Lenovo, MSI, Razer, Samsung and others.

¹ Usage Guide testing and unique features of the Intel® Core™ i7-1185G7 processor, including in comparison to AMD Ryzen 7 4800U, across 5 key usages: productivity, creation, gaming, collaboration, and entertainment. For more complete information about performance and benchmark results, visit www.intel.com/11thgen.

² As measured by Content Creation: Video Editing workflow.

³ As measured by Gears Tactics (1080p Medium with variable rate shading enabled) on 11th Gen Intel® Core™ i7-1185G7 Processor vs 10th Gen Intel® Core™ i7-1065G7U Processor.

⁴ Intel estimates approximately 20% of system level power savings comparing VEDBox enabled 4K24fps Dolby Vision playback on a TGL Core™ i7-1185G7 reference design vs. a similarly configured ICL Core™ i7-1065G7 reference design, translating into more than one hour of additional Dolby Vision content viewing time on the TGL Core™ i7-1185G7 design with a 40Whr battery. Testing as of August 2020.

⁵ Measured responsiveness of premium Windows OS-based designs while performing typical workflows in a realistic environment. For more complete information about performance and benchmark results, visit intel.com/Evo.

⁶ Verified, measured and tested against a premium specification and Key Experience Indicators as part of Intel's laptop innovation program Project Athena. Testing results as of August 2020, and do not guarantee individual laptop performance. Power and performance vary by use, configuration and other factors. For more complete information about performance and benchmark results, visit intel.com/Evo.

⁷ Time taken to drain from 100% to critical battery level while performing typical workflows in a realistic environment. For more complete information about performance and benchmark results, visit intel.com/Evo.

⁸ Charge attained from OEM-default shutdown level. For more complete information about performance and benchmark results, visit intel.com/Evo.