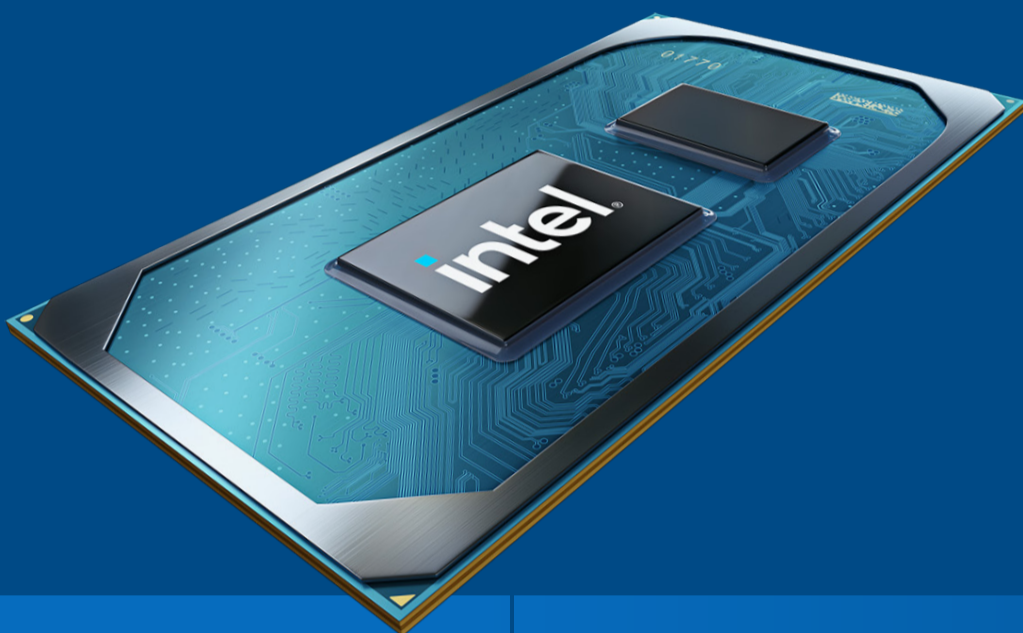intel®

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® X^e 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 editing[2]

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 generations[3]

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]
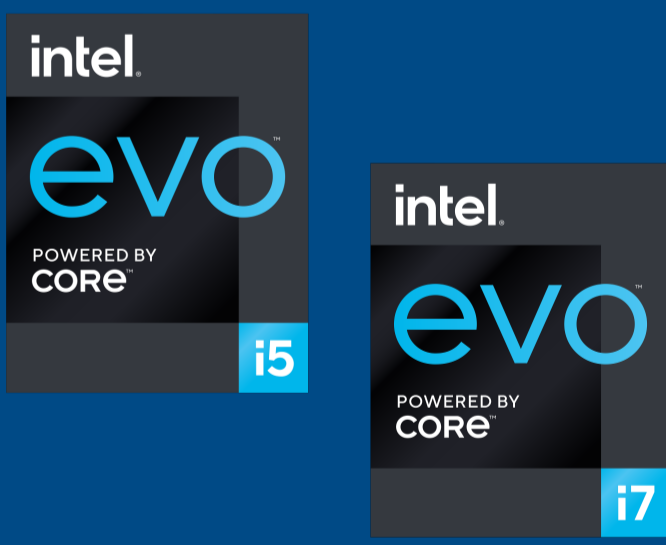
9 Put to the real-world test

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]

intel evo POWERED BY CORE i5

intel evo POWERED BY CORE i7

10 Great experiences

Key experience targets include consistent responsiveness on battery, wake from sleep in less than one second, nine or more[7] 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.