

What is Intel Evo? Conditions for laptops to meet Intel Evo standards

What is Intel Evo? Laptops recognized for this standard have many competitive advantages over their competitors.

Along with the 11th generation Tiger Lake, Intel Evo for laptops with compact design was also launched and has become a competitor for many laptop lines in the same segment. So what specifically is the Intel Evo standard? What conditions need to be met for a laptop to meet this standard? Join TipsMake to find the solution through the following article.

What is Intel Evo?

Intel Evo is the name used by Intel for the purpose of certifying its own set of standards. This set of standards is designed specifically for high-end laptops, has a thin and light design and operates based on the new 11th generation Intel Core processor - Tiger Lake.

Intel Evo is not a processor chip or a device that belongs to any hardware part of the computer. The predecessor of this set of standards is the Athena project announced at CES in 2019. To be certified as '**Intel Evo Standard**', laptop lines must undergo thorough testing that this brand sets forth. .

Picture 1 of What is Intel Evo? Conditions for laptops to meet Intel Evo standards

>> **See more: Causes and fastest ways to fix laptops without cameras.**

Conditions for laptops to receive 'Intel Evo Standard' certification

As mentioned, only when laptops pass the tests on the criteria set by Intel Evo can they be certified by this set of Intel standards. Specifically, the criteria that must be fully met are:

1. The processor equipped on the laptop is at least the new **11th generation Core i5 series or higher, with an integrated Intel Iris Xe Graphics** graphics card .
2. Start the device in Sleep mode in less than 1 second.
3. Supports **fast charging technology** for computers, with just 30 minutes of charging, it can be used for up to 4 hours.
4. Supports computers connecting to Wifi 6 and Thunderbolt 4.
5. Has an actual battery life of up to 9 hours with a Full HD screen, display brightness of at least 250 nits and use with tasks that require a continuous internet connection such as watching movies, surfing web, call via Zoom or perform office tasks,.

Through the above criteria, users can see that laptops compatible with the Intel Evo standard all have thin and light designs, eye-catching designs and these are often laptops in the high-end segment. , has high value in the market.

Benefits of Intel Evo

Given the strict criteria for laptops with 'Intel Evo Standard' certification , if any laptop successfully passes this test, it will definitely bring users a superior experience in terms of performance. And design.

Intel Evo standard laptops stand out compared to other laptops in the same segment in points such as long battery life, users can perform tasks such as work or entertainment for long periods of time without worrying about damage. discontinuity.

Picture 2 of What is Intel Evo? Conditions for laptops to meet Intel Evo standards

Thanks to the compact design, Intel Evo standard laptops will make it more convenient for you to carry or move. In addition, they are also set to be always ready to start in Sleep mode with super fast processing speed in just 1 second.

However, computers equipped with Intel Evo certification are only suitable for office workers and people who frequently move. For specific groups such as gamers or graphic designers, there is no need to pay attention to the above standards.

Introducing some of the best Intel Evo Standard laptop models today

Current Intel Evo Standard-certified laptop models are all in the high-end price segment, fully meeting user needs down to every detail from external design to internal machine configuration. The most typical are **the 5 Intel Evo standard laptop lines** suggested by **TipsMake** below:

1. HP EliteBook X360 1040 G8 Laptop (3G1H4PA)

HP EliteBook X360 1040 G8 laptop is a classy and modern laptop line with a special design - 360-degree folding hinge and the ability to perform tasks quickly.

The HP EliteBook **The HP EliteBook** _ _

Picture 3 of What is Intel Evo? Conditions for laptops to meet Intel Evo standards

In addition, this laptop model is also equipped with **HP Sure View** anti -screen **anti-peeping technology** to increase the safety of user information in public places. Start your computer quickly with just one touch with fingerprint sensor and facial recognition technology.

HP EliteBook _ From there, users can comfortably perform tasks from basic to advanced effectively.

Combined with the new Intel Core i7 Tiger Lake - 11th generation chip set, the Intel Iris Xe Graphics integrated graphics card provides image processing speed 2.7 times faster than other conventional graphics cards. Users can experience entertainment with heavy games such as League of Legends, CS:GO,. with clear, vivid image quality

without consuming too much power.

Not only that, the laptop also possesses large storage space with a hard drive using a 512GB NVMe PCIe SSD. Accompanied by 16GB RAM standard LPDDR4 (On board), Bus Speed ??reaches a maximum of 4267 MHz allowing to handle many heavy tasks at the same time without lag or lag.

Specifications:

Specifications	Detail
Product's name	HP EliteBook X360
CPU	Intel Core i7 Tiger Lake – 1165G7
RAM	16GB
RAM type	LPDDR4 (Onboard)
Hard Drive	512 GB NVMe PCIe SSD
Screen	14 inches
Resolution	Full HD (1920 x 1080)
Screen technology	IPS panel; Anti-glare; Anti Glare; Brightness 1000 nits; HP Sure View
Touch screen	Have
Graphic card	Intel Iris Xe Graphics integrated card
Audio technology	Bang – Olufsen Audio
Other function	Intel Evo Platform Standard; Fingerprint security; 360 degree folding screen; Face unlock
Keyboard light	Have
Size	303.7 x 193.9 x 16.1 mm
Weight	1.25kg
Material	Solid metal case
The battery	4 – Li-ion cell, 78.5Wh
Operating system	Windows 10 Pro
Reference price	45,590,000 VND

2. Asus ZenBook Flip UX363EA i5 Laptop

Possessing a modern appearance and powerful configuration, the **Asus ZenBook Flip UX363EA i5** laptop model is a suitable choice for users who regularly use complex office and entertainment applications.

The Asus ZenBook Flip has a masculine design, made from monolithic metal material with meticulously rounded screen edges, making it more convenient to store the device in a backpack. **The computer screen meets MIL STD 810G** military durability standards, ensuring performance against environmental impacts such as temperature, impact, vibration, etc.

Using OLED screen technology with full HD resolution and **100% DCI - P3 color range** brings vivid, sharp image scenes in different lighting conditions.

Picture 4 of What is Intel Evo? Conditions for laptops to meet Intel Evo standards

In particular, this laptop model also has a 360-degree folding hinge design and a multi-touch screen with Asus Pen to help the machine be operated in many different positions. In addition, the device is also equipped with a keyboard backlight, protecting users' eyes when working in low light conditions.

In terms of configuration, the Asus ZenBook Flip laptop has a strong configuration, allowing for smooth multi-tasking through the Intel Core i5 Tiger Lake 1135G7 processor . Combined with the enhanced Intel Iris Xe Graphics integrated graphics card for powerful and fast data and image processing speed.

Users can easily perform professional image and video editing operations on Ai software, Photoshop,. and play heavy games such as LOL, PUBG.

Asus ZenBook Flip computer data storage has large storage space with a **512GB NVMe PCIe SSD** card , meeting the user's storage needs. More impressively, the device meets Intel Evo standards, providing outstanding features such as charging for 30 minutes and using for 4 hours, starting the device in sleep mode in just 1 second,.

Specifications:

Specifications	Detail
Product's name	Asus ZenBook Flip UX363
CPU	Intel Core i5 Tiger Lake – 1135G7
RAM	8 GB LPDDR4X (Onboard)
Hard Drive	512GB NVMe PCIe SSD
Screen	13.3 inches
Resolution	Full HD (1920 x 1080) OLED
Screen technology	OLED screen; 100% DCI – P3; 550 nits
Touch screen	Have
Graphic card	Integrated card – Intel Iris Xe Graphics
Audio technology	Audio by Harman/KardonSonicMaster Audio
Other function	Intel Evo platform standard MIL STD 810 G durability360-degree folding screenNumberpadFace unlock
Keyboard light	Have
Size	305 x 211 x 11.9 – 13.9 mm
Weight	1.3kg
Material	Solid metal case
The battery	4 – Li ion cell, 67 Wh
Operating system	Windows 11 Home SL
Reference price	from 18,900,000 VND

3. Lenovo Yoga 9 14ITL5 Laptop

Lenovo Yoga 9 laptop is made from high-quality metal material, has an appearance as thin and light as a mobile notebook with a weight of 1.37kg, 15.7mm thin, suitable for users who have to move constantly. In particular, the machine's hinge can be folded back 360 degrees, increasing the flexibility of the device.

Yoga 9 14ITL5 is equipped with an 11th generation Intel Core i7 chip with an average clock speed of 3 GHz, maximum 4.8 GHz for fast and smooth processing of office tasks and 2D graphics.

Picture 5 of What is Intel Evo? Conditions for laptops to meet Intel Evo standards

With 16GB RAM capacity and Bus Speed ??up to **4266MHz** for extremely impressive multitasking processing speed and avoiding lag situations. Besides, the device also supports Intel Iris Xe Graphics graphics card and M.2 PCIe SSD hard drive (maximum 1TB) for huge storage space and powerful processing performance on AI software, Photoshop, ...

Moderate 14-inch screen size, 4K resolution (3840 x 2160) and image and lighting technologies such as 500 nits Glossy, 90% DCI - P3 color range and HDR Vesa 400 for super display images. sharp, realistic and vivid in every shot.

Additional support for IPS panels for wide viewing angles of up to 178 degrees. Plus, there is a vivid surround sound effect in every detail with modern Dolby Atmos technology, providing powerful, resounding sound quality.

Specifications:

Specifications	Detail
Product's name	Lenovo Yoga 9 15ITL5
CPU	Intel Core i7 Tiger Lake – 1185G7
RAM	16GB LPDDR4 (Onboard)
Hard Drive	1TB M.2 PCIe SSD
Screen	14 inches
Resolution	4K/UHD (3840 x 2160)
Screen technology	IPS panel; 90% DCI – P3; 500 nits Glossy; HDR Vesa 400
Touch screen	Have
Graphic card	Intel Iris Xe Graphics integrated card
Audio technology	Stereo Speakers; Dolby Atmos
Other function	Intel Evo Platform Standard; Fingerprint security; 360 degree folding screen; Camera lock switch
Keyboard light	Have
Size	319.4 x 216.4 x 15.7 mm
Weight	1.37kg
Material	Metal case
The battery	Li Polymer, 60Wh
Operating system	Windows 10 Home SL
Reference price	from 34,990,000 VND

4. LG Gram 16 2021 Laptop

Continuing on the list of suggested **laptop models that meet Intel Evo standards** that users cannot ignore is the LG Gram 16 2021 laptop line.

Laptop LG Gram 16 2021 s? h?u thi?t k? si?u g?n, c? tr?ng l??ng ch? 1.19kg. Ph?n v? máy ???c làm t? ch?t li? u h?p kim Nano Carbon – Magie b?o v? t?i ?u tr??c nh?ng tình hu?ng tác ??ng v?t lý.

??ng th?i, máy còn v??t qua nh?ng tiêu chu?n kh?t khe ?? ???c ch?ng nh?n chu?n quân ??i MIL STD 810G. Bàn phím còn tích h?p c?m bi?n vân tay cho phép truy c?p và m? khóa nhanh ch? trong 1 l?n ch?m nh?.

Picture 6 of What is Intel Evo? Conditions for laptops to meet Intel Evo standards

??c bi?t, màn hình 16 inch c?a laptop LG Gram 16 2021 có ?? phân gi?i WQXGA (2560 x 1600), ?i kèm t?m n? n IPS và công ngh? Anti Glare ch?ng chói gia t?ng tr?i nghi?m ng??i dùng ? nhi?u ?i?u ki?n ánh sáng khác nhau. H? th?ng âm thanh DTS X:Ultra Audio hi?n ??i cùng gi? l?p âm vòng t?o âm ?i?u m?nh m?, chân th?c.

Laptop LG Gram 16 2021 còn là dòng laptop s? h?u hi?u n?ng ho?t ??ng m?nh m? v?i trang b? chip x? lý **Intel Core i7 Tiger Lake th? h? 11** ?i kèm cùng card ?? h?a Intel Iris Xe Graphics kh? n?ng x? lý các tác v? ?? h?a 3D hay là render video m?nh m?. ?ây c?ng là m?u laptop có th? ch?i ???c các t?a game c?u hình m?nh nh? LOL, Far Cry 5,...

V?i Laptop RAM 16GB DDR4 ng??i dùng có th? x? lý nhi?u tác v? cùng m?t lúc. Ch?ng h?n nh? v?a m? ph?n m?m AI, v?a l??t web ?? ki?m t? li?u tham kh?o, nghe nh?c th? gi?n,...

Thông s? k? thu?t:

Thông s? k? thu?t	Chi ti?t
Tên s?n ph?m	LG Gram 16 2021
CPU	Intel Core i7 Tiger Lake – 1165G7
RAM	16GB LPDDR4X (Onboard)
? c?ng	512GB SSD NVMe PCIe; H? tr? khe c?m m? r?ng SSD M.2 PCIe
Màn hình	16 inch
?? phân gi?i	WQXGA (2560 x 1600)
Công ngh? màn hình	T?m n?n IPS; Ch?ng chói Anti Glare
Card màn hình	Card tích h?p Intel Iris Xe Graphics
Công ngh? âm thanh	DTS X:Ultra Audio
Tính n?ng khác	Tiêu chu?n n?n Intel Evo; B?o m?t vân tay
?èn bàn phím	Có
Kích th??c	355.9 x 243.41 x 16.8 mm
Tr?ng l??ng	1.35kg
Ch?t li?u	H?p kim Nano Carbon – Magie
Pin	2 – cell Li-ion, 80Wh
H? ?i?u hành	Windows 10 Home Standard
Giá tham kh?o	t? 40.690.000 VN?

5. Laptop LG Gram 17 2021

Gợi ý cụ thể cùng trong danh sách những mẫu laptop sử dụng chip Intel Evo là laptop LG Gram 17 2021 – mẫu phiên nâng cấp từ LG Gram 16 2021.

Máy tính **LG Gram 17 2021** có màn hình rộng 17 inch nhưng có cấu tạo rất mỏng nhẹ, trọng lượng chỉ 1.35kg thuận tiện cho những ai thường xuyên di chuyển.

Tương tự với phiên bản LG Gram 16 2021, phiên bản 17 mẫu này cũng được làm từ chất liệu vỏ hợp kim Nano Carbon – Magie, đạt chứng nhận quân sự MIL STD 810G nhằm bảo vệ máy.

Picture 7 of What is Intel Evo? Conditions for laptops to meet Intel Evo standards

Bàn phím có thiết kế trang bị công nghệ cảm ứng vân tay tích hợp nút nguồn cho phép truy cập và mở khóa nhanh chóng chỉ trong 1 giây.

Đặc biệt, máy sử dụng **CPU Intel Core i7 – Tiger Lake thế hệ 11** cho tốc độ xử lý mạnh mẽ, màn hình 17.3 inch kèm là card tích hợp Intel Iris Xe Graphics có xung nhịp 2.8GHz, tối đa 4.7GHz đáp ứng nhu cầu thiết kế đồ họa và chỉnh sửa video chuyên nghiệp.

Ngoài ra, mẫu laptop này còn được trang bị RAM 16GB LPDDR4X cùng ổ cứng SSD 512GB NVMe PCIe và khe cắm mở rộng SSD M.2 PCIe.

Thông số kỹ thuật:

Thông số kỹ thuật	Chi tiết
Tên sản phẩm	LG Gram 17 2021
CPU	Intel Core i7 Tiger Lake – 1165G7
RAM	16GB LPDDR4X (Onboard)
Ổ cứng	512GB SSD NVMe PCIe; Hỗ trợ khe cắm mở rộng SSD M.2 PCIe
Màn hình	17 inch
Độ phân giải	WQXGA (2560 x 1600)
Công nghệ màn hình	99% DCI – P3; Tấm nền IPS; Chống chói Anti Glare
Card màn hình	Card tích hợp Intel Iris Xe Graphics
Công nghệ âm thanh	DTS X:Ultra Audio
Tính năng khác	Tiêu chuẩn quân sự Intel Evo; Chứng nhận quân sự; MIL STD 810G; Bảo mật vân tay
Thiết kế bàn phím	Có
Kích thước	380.2 x 260.1 x 17.8 mm
Trọng lượng	1.35kg
Chất liệu	Hợp kim Nano Carbon – Magie
Pin	2 – cell Li- ion, 80Wh
Hệ điều hành	Windows 10 Home Standard
Giá tham khảo	52.890.000 VNĐ

L?i k?t

Qua bài vi?t trên, TipsMake ?ã gi?p b?n gi?i ?áp th?c m?c 'Tiêu chu?n n?n Intel Evo là gì?'. Hy v?ng sau khi tham kh?o danh sách laptop ?t Chu?n Intel Evo trên b?n ?ã l?a ch?n m?t cái tên phù h?p cho nhu c?u h?c t?p và làm vi?c c?a b?n thân.

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