

ASUS ExpertBook B5 Flip | B5302F

Power to turn your business world



ASUS ExpertBook B5 Flip is built for business success in style, with a precision-crafted and minimalist chassis that pushes the limits of lightness – plus a 360° flippable design and an optional stunning OLED panel for ultimate flexibility. It's also set for serious travel with an amazing 14-hour battery life, and is engineered with many cutting-edge technologies to improve your on-the-go work efficiency. These include a 11th Gen Intel® Core™ processor, AI noise cancellation and dual-SSD RAID support, ASUS NumberPad 2.0. It's also packed with features to protect your privacy and business data, including a built-in fingerprint sensor and TPM 2.0 chip, ExpertBook B5 Flip is your perfect portable, powerful partner for the corporate world.

360° Hinge and Pen

With a 360° flippable hinge, ExpertBook B5 Flip can be used into numerous different ways, including both tent and tablet modes, make it easier for instant collaboration, content-sharing or presentations. It also supports an optional ASUS Pen, providing an upgraded experience for casual creativity, note-taking and intuitive editing.

OLED Panel

An optional anti-glare FHD OLED HDR display¹ delivers brilliant color and stunningly detailed and realistic visuals.

Thin and light

Both the top and bottom cover of ExpertBook B5 Flip are crafted from pure aluminum, while the area around the keyboard area is magnesium-aluminum alloy – keeping the weight down to a featherlight 2.6 lb².

Serious performance

ExpertBook B5 Flip is powered by an up to 11th Gen Intel Core i7 processor with Iris X^e graphics and superfast intel WiFi 6, providing quick and responsive computing, network and graphical performance with enterprise-grade manageability.

Dual SSD support RAID technology

It features two SSDs to provide huge up to dual 1 TB capacity and faster speed, and supports RAID technology³ for improved data reliability.

Day-long battery

ExpertBook B5 Flip provides up to 14 hours⁴ of battery life on a single charge. Fast-charge technology lets you recharge to up to 60% capacity in as little as 39 minutes^{5,6}.

Two-way AI noise-canceling technology

Innovative AI noise-canceling technology provides exceptional remote working and video-conferencing experiences.

A pleasant user experience

ExpertBook B5 Flip features an optional exclusive ASUS NumberPad⁷ for speedy data entry, ErgoLift hinge and long-travel keys for responsive tactile typing, and backlit and a user-status indicator on top cover.

Comprehensive connectivity

ExpertBook B5 Flip is loaded with I/O ports, including two Thunderbolt™ 4 for fast data transfers, 4K display output and fast charging. The laptop also offers USB Type-A and an HDMI output, plus wired network connectivity with a unique MAC address for easy device management.



Reliability

US military grade reliability

ExpertBook B5 Flip meets and surpasses MILSTD 810H US military standard including panel pressure, shock, and drop tests to ensure durability. In addition, the hinge and I/O ports are also put through thousands of usage cycles.



Security

Enterprise-grade security

ExpertBook Series provides multiple layers of security solutions to protect critical assets. ExpertBook B5 Flip also introduces fingerprint sensor, TPM⁸ chip and privacy webcam shield against malicious hackers.



Management

Simplifying business processes

ASUS ExpertBook Series is designed to help simplify asset-management processes for both MIS staff and end users through ASUS Control Center⁹.

SPECIFICATIONS | B5302FEA

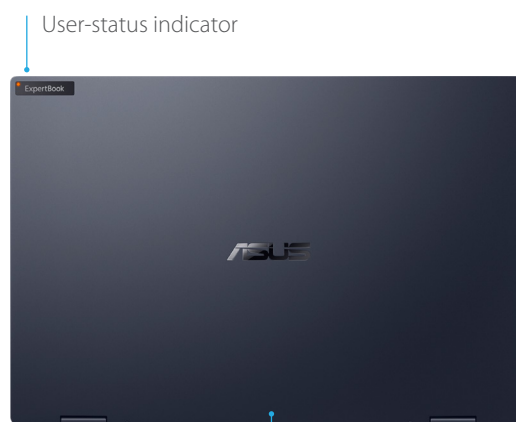
Model	ASUS ExpertBook B5 Flip B5302FEA
CPU	Intel® Core™ i7-1165G7 Processor 2.8 GHz (12M Cache , up to 4.7GHz , 4 cores)
Operating System	Windows 10 Pro (ASUS recommends Windows 10 Pro)
Memory	DDR4 16G / 32G 3200MHz
Storage	SSD PCIEG3 1TB M.2
Display	FHD (1920 x 1080) 16:9, OLED, 400nits , DCI-P3: 100%, Wide view , Anti-glare display
GPU	Intel® Iris X® Graphics
Interface	2 x TBT4 Type-C (support PD3.0 & DP (4K UHD)) , 1 x USB3.2 Gen2 Type-A (support S/C) 1 x HDMI 2.0b , 1 x Headset combo , 1 x Micro HDMI (for LAN only) , 1 x Kensington® lock slot
Video Camera	1.0M 720P : HD camera wiith shield
Wireless	Intel Wireless on board Dual-band 2x2 Wi-Fi 6 (802.11ax) + Bluetooth® 5
Audio	AI Noise-Canceling Technology 2 Multi-Array Microphone with Cortana voice-recognition dual speakers
Weight	2.6 lb with 66Whr battery
Dimensions	12.2" x 8.3" x 0.7"
Battery	4-cell , 66Whr Polymer
Security	Fingerprint (Combo power bottom) , TPM 2.0 (Optional) , Webcam Shield , Kensington Lock slot
Keyboard	Full-size, spill-resistant (66cc) , 1.5 mm key travel , backlit, French Bilingual
Touchpad	Touchpad , NumberPad (optional)
Manageability	ASUS Control Center , ASUS Business Manager , MyASUS
Stylus	Stylus MPP2.0 (optional)
AC adapter	USB Type-C® , 65 W AC Adapter Output : 20V DC , 3.25A , 65W , Input : 100~240V AC 50/60 Hz universal
Certificates	Energy star , EPEAT Gold , RoHS , FCC Compliance , BSMI , CCC , CB , TUV

- The visual appearance of OLED displays may change over the product's lifetime. This is expected behavior that can include image persistence or burn-in, where the display shows a faint remnant of an image even after a new image appears on the screen. This tends to occur only in extreme use cases, such as when a static, high-contrast image is continuously displayed for prolonged periods of time. ASUS laptops with an OLED display minimize this risk by setting Windows 10's Dark mode as default, as well as shortening the idle time before the screen is turned off — both on mains (AC) and battery (DC) power. This dual approach minimizes the potential for burn-in to maximize the lifespan of your OLED display lifespan, and also reduces unnecessary power draw for optimal battery life. We also recommended adjust the brightness of your OLED display to complement the ambient lighting in your environment, rather than keeping the screen at maximum brightness at all times. You should also ensure that you have an animated, dark-background screensaver enabled in the Windows 10 Settings tool.
- Weight may vary according to configuration.
- The same device will offer differing levels of available storage depending on the chosen RAID level. If RAID 0 is used, the system combines the capacity of all SSDs in order to enhance data-transfer speeds. The available storage will equal the combined physical capacity of all the SSDs on the device. However, if the device is configured with RAID 1, two copies of the data are saved simultaneously in order to protect your data if one SSD fails. As a result, the available storage capacity will be half of the combined physical storage capacity, as half the storage is used for backup copies. For example, a device with two 1 TB SSDs in a RAID 0 configuration will have 2 TB of available storage capacity, but with RAID 1 the available storage capacity will be 1 TB.
- Battery tests conducted by ASUS on April 26, 2021 using the MobileMark® 2018 Office Productivity scenario. Battery life test configuration: Intel® Core™ i5-1135G7, 8GB RAM, FHD 1W display, 512GBB PCIe® 3.0 x4 SSD, 66Whr. Test settings: WiFi flight mode, the display brightness set to 200 cd/m2 (33%), Touch Pad. Actual battery life may vary depending on product configuration, usage, operational conditions and power management settings. Battery life will decrease over the lifetime of the battery.
- Recharges the battery up to 60% within 39 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 66 W is required. After charging has reached 60% capacity, charging will return to normal. Charging time may vary +/- 10% due to System tolerance.
- The 33 W battery is able to fast charge to a level of 60% in 39 minutes; the higher-capacity 66 W battery takes 49 minutes to reach 60%.
- Please note that all versions of NumberPad work only with the Microsoft Windows operating system.
- ExpertBook B5 has firmware-based TPM 2.0 onboard, with a discrete TPM chip also available as an option.



Webcam shield

OLED Anti-glare touch panel*



User-status indicator

Aluminum Metal top / bottom cover

16.9 mm thin, 1.11 kg light

Spill-resistant backlit keyboard

Mg-AL alloy metal

NumberPad 2.0*



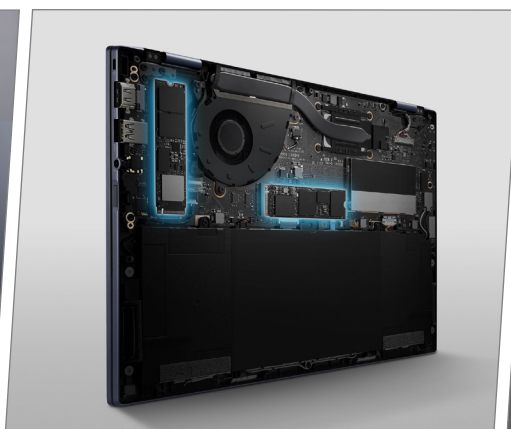
360° ErgoLift Hinge

Fingerprint-reading power button

* Optional



A LED on the top cover of the laptop offers an indication of your status – automatically glowing when you're busy in a conference call. Just a quick tap of the Fn+1 keyboard shortcut switches the light on, off or into auto mode.



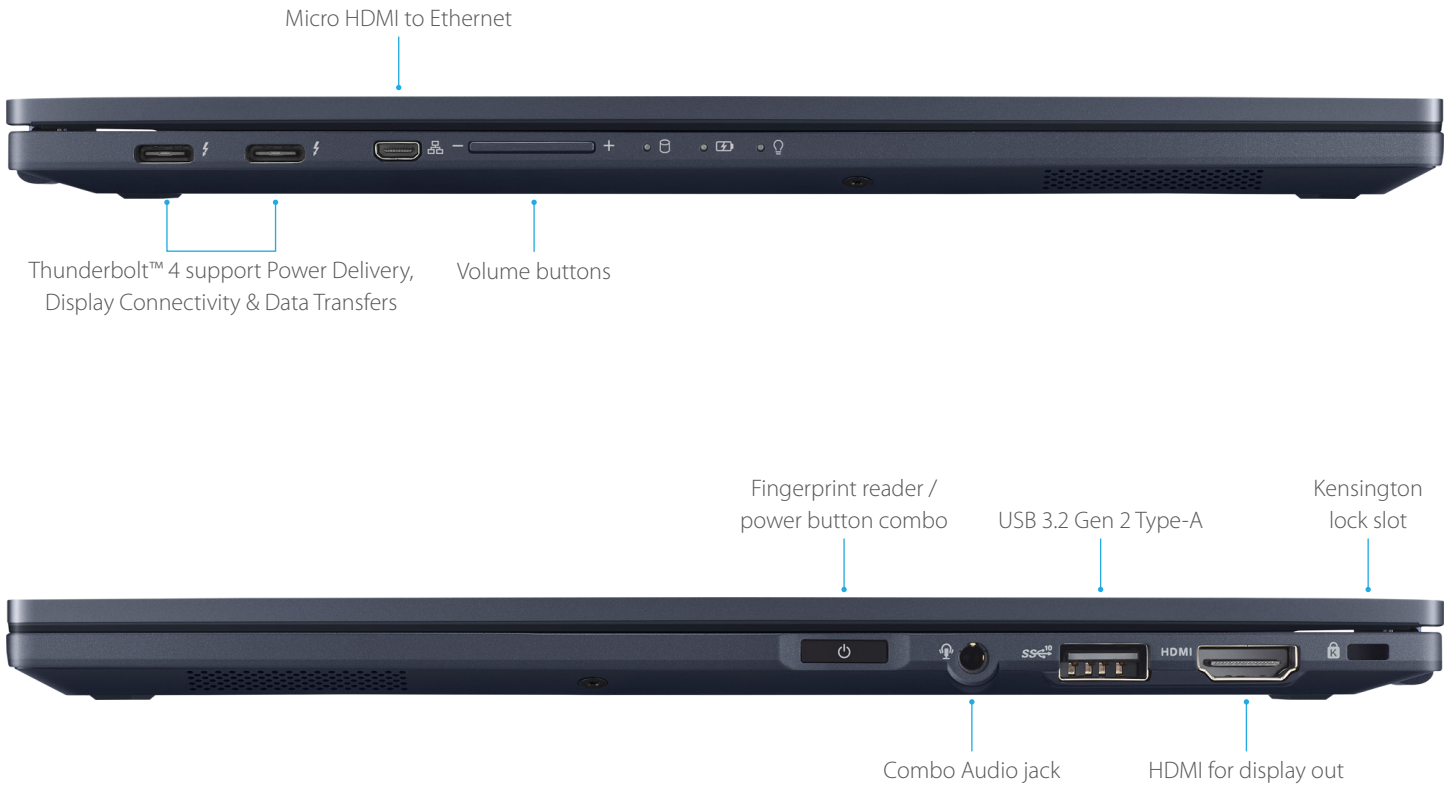
Dual SSD for speed and large capacity.



With ErgoLift hinge, the keyboard automatically tilts to the most comfortable typing positions.

OMNI-CONNECTIVITY

Multiple connections ensuring a seamless interface



Commercial Sales and Volume Purchase Inquiries:

Email: b4b@asus.com

Visit: <https://www.asus.com/US/Business/>



3-Year warranty / 1 YR free ADP

100% free of charge,
with no hidden costs.



Local on-site service option

ASUS authorized technician will
repair at your designated location.



Warranty extension

Extend service coverage to match
the expected length of use time.

Disclaimer :

ASUS Expert Series Service Package may differ from country to country. We recommend that you check with your local dealers for the specifications of the products available in your country.

ASUS ExpertBook