



ASUS ExpertBook B9 | B9450

The master of lightness and power

Take charge of the business world with ASUS ExpertBook B9. Its sleek precision crafted minimalist chassis pushes the limits of lightness for ultimate portability, while giving it a toughness that has no equal. And it's built for serious travel with its amazing up to 24-hour battery life¹ and enterprise-grade security. Extremely portable, powerful and tough, it's your ideal partner in the corporate world.

Ultimate mobility

Extreme lightness takes you further

The world's lightest 14" business laptop²

ExpertBook B9 keeps weight down to a featherlight 870 g³ and 4 mm superslim bezels⁴ enable a 14 inch display to fit into its 13 inch class chassis, making it extremely compact.

Day-long battery life

B9 provides up to 24 hours¹ of battery life on a single charge. Fast-charge technology lets you recharge to up to 60% capacity in as little as 39 minutes⁵.

Serious performance

It features two SSDs for superfast data access and even more storage for larger files and plenty of I/O ports, including Thunderbolt™ 3 for lightning fast data transfers and provide wired network connectivity with an individual MAC address for easy device management.

Certified by Industry standard

ExpertBook B9 is Intel Project Athena-certified for the very best in performance and efficiency, and was honored with a prestigious Red Dot Design award in 2020.

Tough and thoughtful design

Mobility without bounds

Beyond tough

The magnesium-lithium alloy used in the latest ExpertBook B9 is durable yet lightweight, resulting in a laptop that's 16% lighter than the previous model⁶.

CNC-milled for strength

A high-precision CNC-milling process is used to shape solid metal, making the entire chassis tougher than using traditional metal-stamping methods.

A pleasant experience

B9 features exclusive ASUS NumberPad⁷ for speedy data entry, ErgoLift hinge and long-travel keys for responsive tactile typing, and backlit and spill-resistant keyboard.

Immersive audio

It also assures you top-notch audio, thanks to Harman Kardon-certified speakers and four omnidirectional far-field microphones with noise cancellation for the optimization of video conferences.



Reliability
US military grade reliability

ExpertBook B9 meets and surpasses MIL-STD 810G 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 B9 also introduces advanced biometric face login and privacy webcam shield against malicious hackers.



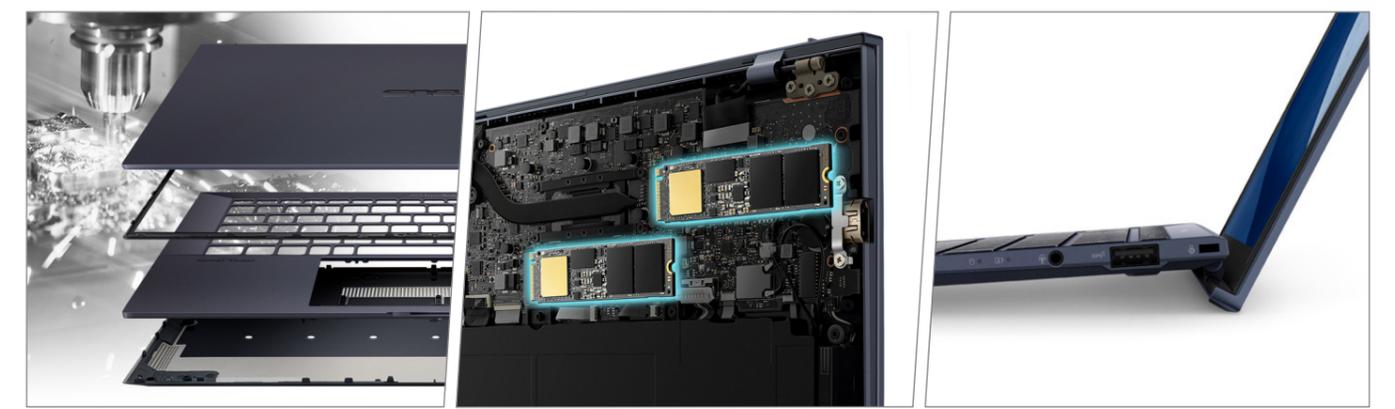
Management
Simplifying business processes

ASUS ExpertBook Series is designed to help simplify asset-management processes for both MIS staff and end users through exclusive ASUS Business Manager and optional ASUS Control Center.

SPECIFICATIONS | B9450FA / B9450FAV

| Model | ASUS ExpertBook B9450FA | ASUS ExpertBook B9450FAV |
|-----------------------------|--|--|
| CPU | Intel® Core™ i7-10510 Processor Intel® Core™ i5-10210 Processor | Intel® Core™ i7-10510 Processor Intel® Core™ i5-10210 Processor Intel® vPro™ technology support (Optional) |
| Operating System | Windows 10 Pro(ASUS recommends Windows 10 Pro) Windows 10 Home | |
| On Board Memory | DDR4 4GB(2400MHz) LDDR3 8GB / 16GB(2133MHz) | |
| Memory Slot | 1 | |
| Memory Max. | up to LDDR3 16GB (2133MHz) | |
| Storage | Dual M.2 NVMe PCIe® 3.0 x4 512GB / 1TB/ 2TB SSD (Up to dual 2TB) | |
| EMMC/ISSD | N/A | |
| Display | 14" FHD (1920 x 1080), sRGB 100% (NTSC:72%)%, Anti-Glare, 300 nits brightness | |
| Touch Panel | N/A | |
| External video display mode | HDMI 1.4 | |
| Discrete GPU | N/A | |
| Integrate GPU | Intel® UHD Graphics 620 | |
| Video Camera | HD 720p CMOS module | |
| Fingerprint | Yes | |
| Wireless | WiFi 6 (802.11ax) +Bluetooth 5.0 (Dual band) 2*2 | |
| LAN | 10/100/1000 Mbps | |
| Card Reader | N/A | |
| Interface | 2 x Thunderbolt™ 3 USB-C™(up to 40Gbps, DisplayPort and power delivery support) 1 x USB 3.1 Gen 2 Type-A, 1 x HDMI out, 1 x micro HDMI for LAN insert, 1 x Kensington® lock slot 1 x Headphone-out & Audio-in Combo Jack | |
| Audio | Quad 360° far-field microphones(Support noise cancellation) Built-in Stereo 2 W Speakers, Certified by Harman Kardon | |
| Weight | Starting from 0.87 kg with 33W battery | |
| Dimension | 32.0 (W) x 20.3 (H) x 1.49 (D) cm | |
| AC adapter | 65W AC Adapter, Plug Type : USB Type-C Output: 20V DC, 3.25A, 65W Input: 100-240V AC, 50/60Hz universal | |
| Battery | 66Wh, 4-cell lithium-polymer battery 33Wh, 2-cell lithium-polymer battery | |
| Keyboard type | Backlit Chiclet keyboard | |
| Security | TPM 2.0 (Hardware TPM), Windows Hello with facial recognition software (requires IR camera), Webcam shield, Fingerprint sensor, Kensington Lock Slot ASUS Business Manager with secure drive setting and lock control to USB storage devices | |
| Certification | Energy star 7.0, EPEAT Gold, RoHS, FCC Compliance, BSMI, CCC, CB | |
| Warranty | 3-year limited International hardware warranty. *different by country | |

1. Battery life test configuration: Intel® Core™ i7-10510U, 16GB RAM, FHD display, 2TB PCIe® 3.0 x4 SSD, 66Whr. Battery tests conducted by ASUS in August 2018 using the MobileMark® 2014 Office Productivity scenario. Actual battery life may vary depending on product configuration, usage, operational conditions and power management settings.
 2. As of Sep 1, 2019. Based on internal ASUS market analysis comparing the size of ExpertBook B9 to competitor products. Actual weight may vary by specs.
 3. Weight may vary according to configuration.
 4. The stated width of the side bezel is the distance between the edge of the non-active screen display area and the inside edge of the case.
 5. 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 watts is required. After charging has reached 60% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.
 6. Unless otherwise stated, materials claims are based on theoretical performance. Actual figures may vary in real-world situations.
 7. Please note that all versions of NumberPad only work with the Microsoft Windows operating system.



Slim NanoEdge display A high-precision CNC-milling process to create tougher and stronger chassis

Dual SSD for fast 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



Support Fast Charging, Display Connectivity & Data Transfers with Thunderbolt™ 3



USB 3.2 Gen 2 Type-A



3-Year international warranty
100% free of charge,
with no hidden costs.



Pick Up & Return servic
Enjoy a door-to-door service
including pick up, repair, and return.



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