



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 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 & 4 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 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 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 / B9450CEA

Model	ASUS ExpertBook B9450FA	ASUS ExpertBook B9450CEA
CPU	Intel® Core™ i7-10510 Processor Intel® Core™ i7-10610U vPro® Processor Intel® Core™ i5-10310U vPro® Processor	Intel® Core™ i7-1185G7 Processor Intel® Core™ i7-1165G7 Processor
Operating System	Windows 10 Pro(ASUS recommends Windows 10 Pro)	
On Board Memory	Up to 16GB LPDDR3 onboard memory	Up to 32GB LPDDR4X onboard memory
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, 300/400 nits brightness	
Touch Panel	N/A	
HDMI Port	HDMI 1.4	HDMI 2.0b
Discrete GPU	N/A	
Integrate GPU	Intel® UHD Graphics 620 / Intel® Iris Xe Graphics	
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™(DisplayPort and power delivery support) 1 x USB 3.1 Gen 2 Type-A, 1 x HDMI 1.4, 1 x micro HDMI for LAN insert, 1 x Kensington® lock slot 1 x Headphone-out & Audio-in Combo Jack	2 x Thunderbolt™ 4 USB-C™(DisplayPort and power delivery support) 1 x USB 3.1 Gen 2 Type-A, 1 x HDMI 2.0b, 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 2.2 lb with 66Whrs battery	
Dimension	12.6" (W) x 8.0" (D) x 0.4"~0.6" (H) inches	
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	
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 Proximity Sensor (B9450CEA model only)	
Certification	Energy star 7.0, EPEAT Gold, RoHS, FCC Compliance, BSMI, CCC, CB	
Warranty	3-year limited hardware warranty and 1-year Accidental Damage Protection. *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.

Webcam privacy shield that simply slides over the webcam to stop it being used



Four-sided 14-inch NanoEdge display
4mm slim bezels, 94% screen-to-body ratio⁴

1.5mm long-travel keys that give our responsive tactile feedback

Robust hinged torture-tested with 50,000 open/close cycles

Comprehensive IO ports for diverse business use

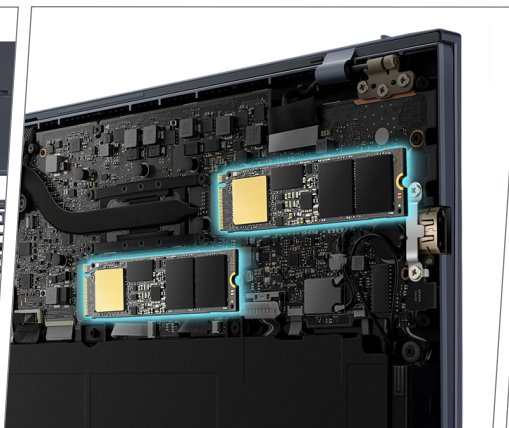
Precision-crafted chassis finished in elegantly star black, creating a truly professional impression wherever you go

Touch fingerprint reader

ASUS exclusive NumberPad
LED-illuminated numeric keypad⁷



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 & 4*

*Thunderbolt 4 interface is available on selected SKUs only



3-Year warranty & 1-Year 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