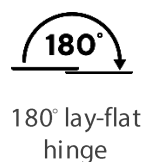


ExpertBook B1 | B1503CVA

Elevated, effortless and secure

Packed with business-friendly features, the ASUS ExpertBook B1 series offers practicality for small firms, educational institutions, and students. With a sleek 1.6kg design, 180° lay-flat hinge, advanced AI features, enterprise-grade security, and extensive connectivity, it's the perfect portable partner to empower your workflow



Business-focused, durable design

- Tested to stringent U.S. military-grade standards
- A 1.6kg (starting weight) portable device with sleek chassis
- 180° lay-flat hinge for collaboration sessions
- ASUS ExpertWidget for customizable keyboard shortcuts
- Up to 10 hours battery life¹

Exceptional performance and connectivity

- Up to Intel® Core™ 7 processor (Series 1)
- Up to 64GB RAM, Dual SO-DIMM DDR5
- Dual SSD for up to 1TB PCIe® 4.0 SSD (RAID 0, RAID1 Support)
- Comprehensive I/O ports including full-function USB-C, USB-A, HDMI
- Up to WiFi 6E
- Two-way ASUS AI noise-canceling technology

Enterprise-grade security and manageability

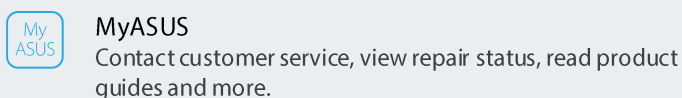
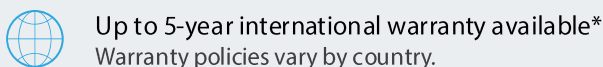
- Biometric login with fingerprint sensor*
- Webcam shield, and Kensington® lock slot to protect your data and privacy
- TPM 2.0* and fingerprint sensor* for added security
- Compatible with MyASUS for seamless management

*OPTIONAL FEATURE, MAY VARY BY MODEL SPECIFICATION, OR REGION.

¹ACTUAL BATTERY PERFORMANCE MAY VARY DEPENDING ON PRODUCT CONFIGURATION, USAGE, OPERATIONAL CONDITIONS AND POWER MANAGEMENT SETTINGS. BATTERY LIFE WILL DECREASE OVER THE LIFETIME OF THE BATTERY.

²CERTIFICATIONS ARE STILL UNDER PROGRESS AT TIME OF PUBLISHING THIS DOCUMENT. PLEASE CHECK WITH YOUR ASUS REPRESENTATIVE PRIOR TO SHARING ANY INFORMATION PUBLICLY.

Warranty and Support



SPECIFICATIONS

Model	ExpertBook B1 (B1503CVA-S75534)
Operating system	Windows 11 Pro/ Home 64bit Without OS
Processor	Intel® Core™ 5 processor 120U 1.4GHz (12MB cache, up to 5.0 GHz, 10 cores)
Graphics	Intel® UHD Graphics for Intel® Core with 64-bit memory populated (i3, and i5, i7 with single channel)
Memory	2x SO-DIMM, SO-DIMM: 16GB DDR5 5200 MHz
Storage	1 x M.2 2280 NVMe PCIe® 4.0, 512 GB M.2 PCIe® 4.0 SSD 2nd slot: 1 x M.2 2230 NVMe PCIe® 4.0, up to 512GB PCIE Gen4 SSD Support 512 GB + 512 GB Non-RAID/RAID 0/RAID 1
Display	15.6" FHD (1920 x 1080) Value-IPS, 16:9, Wide View, Anti-Glare, 300nits, 45% NTSC
I/O ports	2 x USB 3.2 Gen2 Type-C (full function, support PD+DP) / 2 x USB 3.2 Gen1 Type-A / 1 x HDMI 1.4b 1 x 3.5mm Combo audio jack / 1 x Kensington® nano lock slot / 1 x RJ45
Camera	FHD camera, webcam shield
Wireless	Wi-Fi 6 (802.11 ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card
Audio	2 x speaker with Dirac technology support 2 x Array microphone ASUS AI Noise-Canceling Technology
Weight	1.64kg
Dimensions (WxDxH)	35.95*23.22*1.99 cm
Battery	50Wh-3 cell, Li-Polymer
Security	Nano Kensington® lock slot / Fingerprint Sensor / Webcam Shield / TPM 2.0
Keyboard and touchpad	Full-size keyboard with 1.35 mm key travel / Backlit / spill-resistant to 66cc* *Quantity used during testing, with duration of 3 minutes
Featured software	MyASUS, ExpertMeet
AC adapter	65W AC Adapter, USB Type-C® (Output: 20V DC, 3.25A, 65W / Input: 100-240V AC, 50/60Hz universal)
Energy efficiency compliance	EPEAT Gold Climate +, Energy Star 8.0, TCO 9.0, FSC Recycle, WEEE, RoHS, TÜV Rheinland