



ExpertBook B1 | B1502CVA

Primed to perform. Configured for your business.

Packed with business-friendly features and power, ASUS ExpertBook B1 series offers great practicality for small firms, educational institutions and students. Featuring a compact design with 180° lay-flat hinge, enterprise-grade security, military-grade durability, and extensive connectivity, ASUS ExpertBook B1 series is the perfect portable partner to empower your workday.



US military grade



180° lay-flat hinge



13th Gen
Intel® processor



Full I/O ports



ASUS
AI noise-canceling



IR camera

Business-focused, durable design

- Tested to stringent U.S. military-grade standards
- Vibrant 15.6" NanoEdge display with 178° wide-view*
- 180° lay-flat hinge for collaboration sessions
- Full-size, spill-resistant chiclet keyboard with number pad
- ASUS ExpertWidget for customizable keyboard shortcuts

Exceptional performance and connectivity

- Up to 13th Gen Intel® Core™ i7 processor
- Up to 48GB RAM and 2TB PCIe® SSD
- Comprehensive I/O ports including full-function USB-C, USB-A, HDMI
- Up to WiFi 6E with ASUS WiFi Master Premium
- Two-way ASUS AI noise-canceling technology

Enterprise-grade security and manageability

- HD+IR* camera, 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. AVAILABILITY MAY VARY BY SPECIFICATION, REGIONS, OR COUNTRIES

Warranty and Support



Up to 5-year international warranty available*

Warranty policies vary by country.



Pick up & return service *

Enjoy door-to-door service for pick ups, repairs, and returns.



MyASUS

Contact customer service, view repair status, access product guides and more.

Model	B1502CVA / 90NX06X1-M006KO
Operating System	Windows 11 Pro
Office	1-month trial for new Microsoft 365 customers. Credit card required.
LCD cover-material	Plastic
LCD cover-color	Star Black
Top case-material	Plastic
Top case-color	Star Black
Bottom case-material	Plastic
Bottom case-color	Star Black
Military grade	US MIL-STD 810H military-grade standard
Panel Size	15.6-inch
Backlit	LED Backlit
Brightness	250nits
Resolution	FHD (1920 x 1080) 16:9
Glare	Anti-glare display
Color gamut	NTSC: 45%
View angle(H/V)	178/178
Response time(Typ/Max) (ms)	20/25
Refresh rate	60Hz
Contrast (Typ)	800:1
Touch Panel	Non-touch screen
Screen-to-body ratio	83 %
IPS-level	Wide view
Processor	Intel® Core™ i3-1315U Processor 1.2 GHz (10MB Cache, up to 4.5 GHz, 6 cores, 8 Threads)
Chipset	N/A
Discrete/Share	Share
Integrated GPU	Intel® UHD Graphics

VRAM	N/A
Expansion Slot(includes used)	1x DDR4 SO-DIMM slot 1x M.2 2280 PCIe 3.0x2
On board memory	8GB DDR4 on board
Total System Memory	DDR4 8GB
Storage	256GB M.2 2280 NVMe™ PCIe® 4.0 SSD
Front-facing camera	720p HD camera With privacy shutter
Wireless	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.2 Wireless Card
NumberPad	N/A
FingerPrint	FingerPrint
Keyboard type	Backlit Chiclet Keyboard
I/O ports	1x USB 2.0 Type-A 1x USB 3.2 Gen 1 Type-A 1x USB 3.2 Gen 1 Type-C support power delivery 1x USB 3.2 Gen 2 Type-C support display / power delivery 1x HDMI 1.4, up to 1920x1080p/60Hz 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet
Audio	Audio by Dirac Built-in speaker Built-in array microphone
Battery	42WHrs, 3S1P, 3-cell Li-ion
AC Adapter	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100~240V AC 50/60Hz universal
Required charging power	Min: 55W Max: 65W *The indicated wattage is for demonstrating the system's support capability as required by EU regulations. For optimal system performance, please use the standard-wattage adapter or higher.
Dimension (WxHxD)	36.16 x 23.30 x 1.99 ~ 1.99 cm (14.24" x 9.17" x 0.78" ~ 0.78")
Weight (with Battery)	1.68 kg (3.70 lbs)
Weight (w/o Battery)	1.52 kg (3.35 lbs)
Security	Fingerprint sensor intergrated with Touchpad Kensington Nano Security Slot™(6x 2.5mm) BIOS Booting User Password Protection BIOS setup user password HDD User Password Protection and Security Support Absolute Persistence 2.0 (Computrace) Trusted Platform Module (TPM) 2.0 N/A

Antivirus	N/A
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect AppDeals Link to MyASUS
Built-in Apps	MyASUS
Disclaimer for Built-in Apps	Built-in Apps vary from OS SKU. *MyASUS/McAfee don't support in Pure OS/without OS/G sku/Win SE/Windows on ARM/Linux OS (ex. Endless, Kylin, Ubuntu)
Reparability Index (for Belgium)	9.5
Reparability Index (for France)	9.7
Ecolabels & Compliances	EPEAT Gold Energy star 8.0 FSC Mix REACH RoHS
Base Warranty	1Y Pick up/ return; ZENCARE + 1Y Pick up/ return
Recommended Warranty Package Part number//Extension and/or upgrade service from base warranty	ACX10-004011NX//1Y International Extention ACX13-009600NX//1Y Extension; 3Y OnSite Service(Next Business Day)*upgrade ACX15-015110NX//1Y Extension; 3Y OnSite Service(Next Business Day); 3Y Accidental Damage Protection* *upgrade *If you would like to know the details, please contact your sales teams.
Battery warranty	Commercial NB B series Battery warranty follow system warranty, 4Y-5Y by WEP option.
Sustainable Material_Total PCR recycled plastic	11%