

ExpertBook B1 (B1502, 12th Gen Intel)

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Overview Specifications Review Support



Model	B1502CBA	B1502CGA
Colour	Star Black	Star Black
Operating System	Windows 11 Pro - ASUS recommends Windows 11 Pro for business	Windows 11 Pro Education *Some devices for academic use will automatically be updated to Windows 11 Pro Education with the Windows 11 Anniversary Update. Features vary; see https://aka.ms/ProEducation for Windows 11 Pro Education feature information.
Processor	Intel® Core™ i5-1235U Processor 1.3 GHz (12M Cache, up to 4.4 GHz, 10 cores) Intel® Core™ i7-1255U Processor 1.7 GHz (12M Cache, up to 4.7 GHz, 10 cores)	Intel® Core™ i3-N305 Processor 1.8 GHz (6M Cache, up to 3.8 GHz, 8 cores)
Graphics	Intel® UHD Graphics	Intel® UHD Graphics
Display	Non-touch screen, 15.6-inch, FHD (1920 x 1080) 16:9, Wide view, Anti-glare display, LED Backlit, 250nits, NTSC: 45%, Screen-to-body ratio:83 %	Non-touch screen, 15.6-inch, FHD (1920 x 1080) 16:9, Wide view, Anti-glare display, LED Backlit, 250nits, NTSC: 45%, Screen-to-body ratio:83 %
Memory	8GB DDR4 on board, Memory Max Up to:40GB 16GB DDR4 on board, Memory Max Up to:48GB	8GB DDR4 SO-DIMM, Memory Max Up to:16GB
Storage	256GB M.2 2280 NVMe™ PCIe® 4.0 SSD 512GB M.2 2280 NVMe™ PCIe® 4.0 SSD	128G UFS
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 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet	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 1 Type-C support display / power delivery 1x HDMI 1.4 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet
Expansion Slots(includes used)	1x DDR4 SO-DIMM slot 1x M.2 2280 PCIe 4.0x4	1x DDR4 SO-DIMM slot 1x M.2 2280 PCIe 3.0x2
Keyboard & Touchpad	Backlit Chiclet Keyboard, 1.4mm Key-travel, Spill-resistant Keyboard	Backlit Chiclet Keyboard, 1.4mm Key-travel, Spill-resistant Keyboard
Camera	720p HD camera with IR function to support Windows Hello With privacy shutter	720p HD camera with IR function to support Windows Hello With privacy shutter
Audio	Audio by Dirac Built-in speaker Built-in array microphone	Audio by Dirac Built-in speaker Built-in array microphone
Network and Communication	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card
Battery	42WHrs, 351P, 3-cell Li-ion Long life rechargeable lithium polymer battery.	42WHrs, 351P, 3-cell Li-ion Long life rechargeable lithium polymer battery.
Power Supply	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100~240V AC 50/60Hz universal	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100~240V AC 50/60Hz universal
Weight	1.69 kg (3.73 lbs)	1.69 kg (3.73 lbs)
Dimensions (W x D x H)	36.16 x 23.30 x 1.99 ~ 1.99 cm (14.24" x 9.17" x 0.78" ~ 0.78")	36.16 x 23.30 x 1.99 ~ 1.99 cm (14.24" x 9.17" x 0.78" ~ 0.78")
Built-in Apps	MyASUS McAfee	MyASUS McAfee
MyASUS Features	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect AppDeals Link to MyASUS	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect AppDeals Link to MyASUS
Military Grade	US MIL-STD 810H military-grade standard	US MIL-STD 810H military-grade standard
Ecolabels & Compliances	EPEAT Gold Energy star 8.0 FSC Mix TCO 9.0 RoHS REACH	EPEAT Gold Energy star 8.0 FSC Mix TCO 9.0 RoHS REACH
Security	HDD User Password Protection and Security BIOS Booting User Password Protection Computrace ready from BIOS Trusted Platform Module (TPM) 2.0 BIOS setup user password Fingerprint sensor intergrated with Touchpad Kensington Nano Security Slot™	HDD User Password Protection and Security BIOS Booting User Password Protection Computrace ready from BIOS Trusted Platform Module (TPM) 2.0 BIOS setup user password Fingerprint sensor intergrated with Touchpad Kensington Nano Security Slot™



- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- Specifications and features vary by model, and all images are illustrative. Please refer to specification pages for full details.
- PCB colour and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.
- The terms HDMI and HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

*The Windows 11 upgrade will be delivered to qualifying devices late 2021 into 2022. Timing will vary by device. Certain features require specific hardware (see aka.ms/windows11-spec).

*IPS stands for in-plane switching, a type of LED (a form of LCD) display panel technology.

Unless otherwise stated, all performance claims are based on theoretical performance. Actual figures may vary in real-world situations.

The actual transfer speed of USB 3.0, 3.1, 3.2, and/or Type-C will vary depending on many factors including the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment.

