ASUS

ASUS **ExpertBook** B1 | B1500

Primed to perform.
Configured for your business.

ASUS ExpertBook B1 is tailored for business, making it the smart choice for ambitious startups, established education organizations and growing firms of all sizes. It boasts high performance, military-grade durability and extensive customization to empower your business. It's also engineered to confidently handle whatever tasks come your way, with a full set of I/O ports, speedy WiFi 6 and cutting-edge AI noise-canceling technology. ExpertBook B1 streamlines your workflow to keep you productive.

Primed to perform

The ultimate performance boost

Exclusive Performance Boost technology achieves the best laptop performance and agility by tuning the internal thermals, delivering the sterling performance needed to get the job done[1].

Crystal-clear conferencing audio

Innovative ASUS AI noise-canceling technology enables superior calls. The AI Noise-Canceling Speaker feature filters out all ambient noise apart from human speech — so you'll hear what everyone else is saying.

Freewheeling mobility

ExpertBook B1 is surprisingly light for a business laptop, weighing as little as 1.72 kg, so it's comfortable to carry anywhere[2].

Extensive connectivity

Support for the latest Thunderbolt™ 4 standard with USB4 and DisplayPort means built-in power delivery, fast charging, display connectivity and extreme-speed data transfers. It also has both USB 3.2 Gen 2 and USB 2.0 Type-A, HDMI 2.0, Ethernet and a microSD card slot.

Commercial-grade durability and security

Military-grade construction

The chassis design combines additional structural enhancements to meet the rigors of daily use. These include a resilient aluminum-alloy upper cover, an internal keyboard bracket and protective foam protects the hard drive from bumps and shocks[3].

One-touch, fingerprint login

A sensor integrated into the power button offers biometric security that's as easy as it is effective. All you need to do to switch on and log is press the power button – eliminating the need for difficult-to-remember passwords or PINs[4,5].

Webcam shield for protecting privacy

A physical cover provides instant privacy when the lens is not in use. Just slide it open to make video calls or recordings, and back across when you're done[4].

Trusted Platform Module (TPM) security

The embedded TPM 2.0 chip securely stores authentication information used by software, such as passwords or encryption keys, to protect important data and transactions – keeping the information away from the eyes of would-be attackers[4].

Ergolift Hinge

The innovative ErgoLift hinge automatically tilts the keyboard to the most comfortable typing position.

180° Lay-Flat Design

The extended 180-degree hinge is smooth, flexible and durable, and allows the display to be laid flat for fast collaboration.

Backlit Keyboard

The backlit keyboard lets you type effortlessly in dark environments, from aircraft cabins to dim offices.

US MILITARY GRADE
★
MIL-STD 810H
Multiple Tests
Passed

Model	ASUS ExpertBook B1500CEAE	ASUS ExpertBook B1500CEPE
CPU	Intel® Core™ i7 1165G7 Processor Intel® Core™ i5 1135G7 Processor Intel® Core™ i3 1115G4 Processor Intel® Pentium 7507 Processor Intel® Celeron 6305 Processor	Intel® Core™ i7 1165G7 Processor Intel® Core™ i5 1135G7 Processor Intel® Core™ i3 1115G4 Processor
Operating System	Windows 10 Pro (ASUS recommends Windows 10 Pro) Windows 10 Home Endless OS	
On Board Memory	On board 4 / 8 / 16 GB DDR4-3200 MHz Dual Channel support	
Memory Slot	1 x SODIMM, supports 4 / 8 / 16 / 32 GB	
Memory Max.	Up to 48GB	
Storage	1TB SATA 5400RPM 2.5" HDD, 128GB M.2 NVMe™ PCIe® 3.0 SSD 1TB SATA 5400RPM 2.5" HDD, 512GB M.2 NVMe™ PCIe® 3.0 SSD 1TB SATA 5400RPM 2.5" HDD, 256GB M.2 NVMe™ PCIe® 3.0 SSD 2TB SATA 5400RPM 2.5" HDD, 512GB M.2 NVMe™ PCIe® 3.0 SSD	
Display	15.0" HD (1366 x 768), sRGB 100% (NTSC:45%), anti-glare, 220 nits, NTSC:45% 15.0" FHD (1920 x 1080), sRGB 100% (NTSC:45%), anti-glare, 220 nits, NTSC:45% 15.0" FHD (1920 x 1080), sRGB 100% (NTSC:45%), value IPS, 250 nits, NTSC:45%	
GPU	Intel® UHD graphics (Intel® Celeron® 6305 / Intel® Pentium® old 7505 / Intel® Core™ i3) Intel® Iris Xe graphics (Intel® Core™ i5/ Intel® Core™ i7)	NVIDIA® GeForce® MX330 graphics
Interface	1 x USB 3.1 Gen 1 Type-C™ (up to 5Gbps) 2 x USB3.2 Gen2 Type-A / 1 x USB2.0 Type-A 1 x HDMI 1.4 / 1 x RJ45 Gigabit Ethernet 1 x MicroSD Card slot / 1 x Kensington lock 1 x D-SUB / 1 x Audio Combo Jack	
Video Camera	720p HD camera / Webcam Shield	
Wireless	Dual-band 2x2 WiFi 6 (802.11ax) + Bluetooth® 5.2	
LAN	10/100/1000 Mbps	
Audio	AI Noise-Canceling Technology 2 integrated stereo speakers Array microphone with Cortana voice-recognition support	
Weight	1.73 kg	
Dimension	35.80 (W) x 23.65 (D) x 1.94 (H) cm	
Battery	3-cell, 42 W Li-ion Polymer	
AC adapter	ø4.5, 65W AC Adapter, Output: 19V DC, 3.42A, 65W, Input: 100~240V AC 50/60Hz universal	ø4.5, 90W AC Adapter, Output: 19V DC, 4.74A, 90W, Input: 100~240V AC 50/60Hz universal
Keyboard	Full-size, spill-resistant, with 1.5 mm key travel 'chiclet' keyboard	
Security	TPM 2.0 (Optional), Webcam Shield (Optional), Kensington Lock slot (Optional)	
Manageability	ASUS Control Center, ASUS Business Manager, MyASUS	
Certification	Energy star, EPEAT Gold, RoHS, FCC Compliance, BSMI, CCC, CB	

1. To enable Performance Mode, please keep the laptop plugged in for the best performance, set the Windows power option as ASUS Recommended Mode, and select Performance Mode in the MyASUS software.
2. Product weight may vary according to device configuration.
3. The testing data includes the requirements of both military-grade standards and ASUS quality tests.
4. Fingerprint sensor, backlit keyboard, TPM2.0 and a front camera are optional.
5. All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.

Immersive NanoEdge display with 90% screen to body ratio

Fingerprint sensor that's integrated into the power bottom for biometric security

Comprehensive I/O connectivity for a diverse array of business peripherals

Solid construction with Military grade reliability

1.5mm long-travel keys provide for tactile, responsive keystrokes

Built-in biometric security, with a fingerprint sensor that's integrated into the power button.
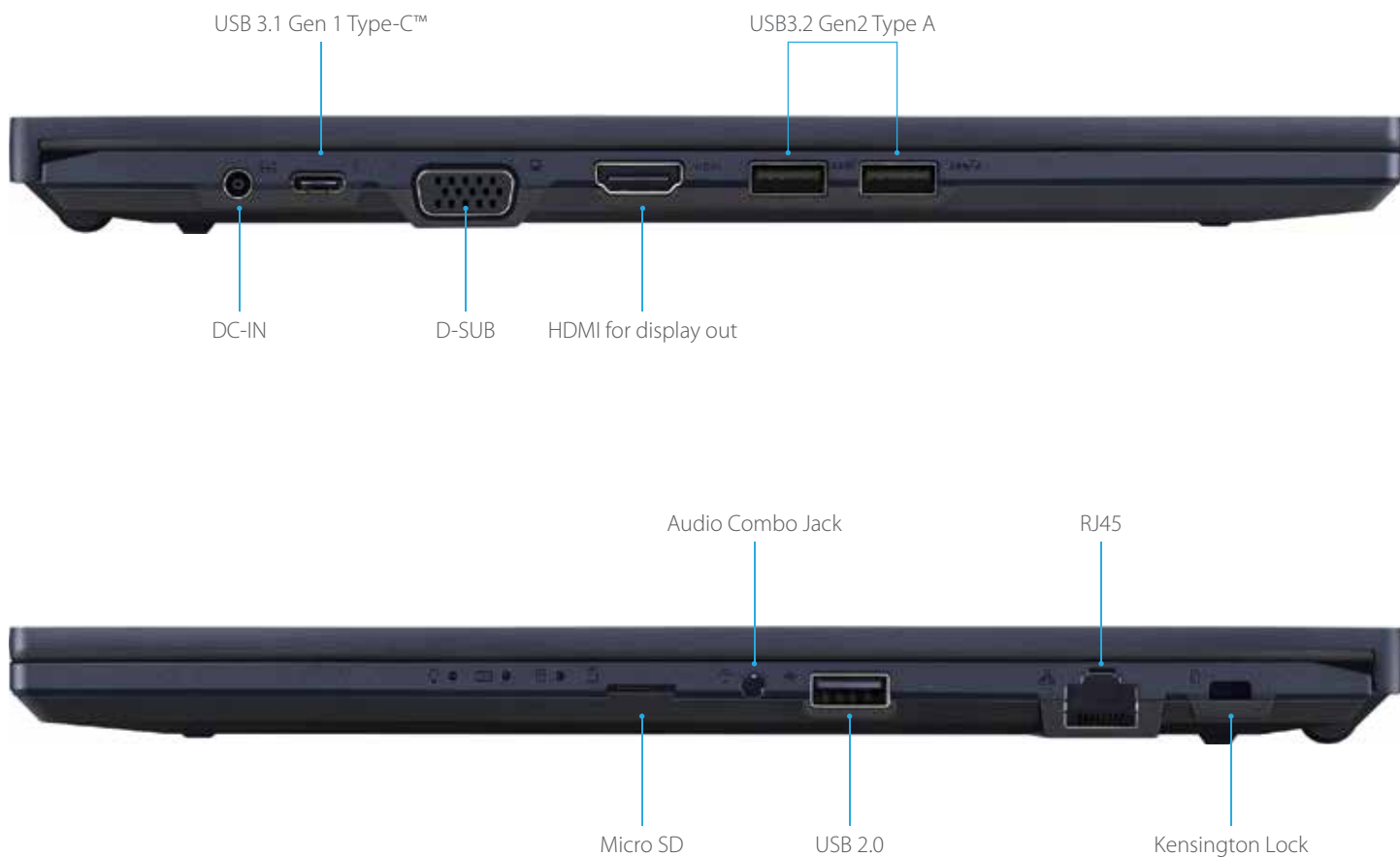
A dTPM chip securely stores authentication information used by software, such as password and importation transactions.

Rock Solid construction with alumni-alloy lid, internal still bracing and proactive foam to protect HDD.

OMNI-CONNECTIVITY

Multiple connections ensuring a seamless interface

USB 3.1 Gen 1 Type-C™

USB3.2 Gen2 Type A

DC-IN

D-SUB

HDMI for display out

Audio Combo Jack

RJ45

Micro SD

USB 2.0

Kensington Lock

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.

ASUS **ExpertBook**