ComX Computers
Product Specification Sheet

B1502CGA-I38128B1X

Asus ExpertBook B1502CGA Notebook i3-N305 3.8GHz 8GB 128GB 15.6" FULL HD UHD BT Win 11 Pro

Product Overview

Asus ExpertBook B1502CGA Series B1502CGA-I38128B1X Star Black Notebook, Intel Core i3 Adler Lake Octa (8) Core i3-N305 Turbo Boost up to 3.8Ghz 6MB L3 Cache Processor, 8192MB (8GB) DDR4-3200 SO-Dimm Memory (1x8192), Supports 32GB Max Mem, 1 Memory slot, 128GB SSD Solid State Hard Drive PCIe, NO optical drive (No CD), 15.6" FULL HD (1920 x 1080 resolution) Non Gloss Type 250nits LED Backlit Display, Intel UHD Graphics, 802.11ax Wi-Fi 6, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, 3 Cell Battery, Fingerprint Reader, Full Size Keyboard with Numpad, 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, HDMI output, Micro SD Card Reader, 1.7 kg, Microsoft Windows 11 Professional 64 bit, 1 Year Carry in warranty











Specifications

Overview:

ExpertBook B1 (B1502, 12th Gen Intel)

Primed to perform. Configured for your business.

- Windows 11 Pro-ASUS recommends Windows 11 Pro for business
- Up to 12th gen Inte Core i7 processor
- Up to Intel Iris Xe graphics
- 15.6" compact screen
- Enterprise-grade security features
- MIL-STD 810H US military standard

Features:

Primed to perform. - Configured for your business

Packed with business-friendly features and power, ASUS ExpertBook B1 is the ideal choice for ambitious firms and inspirational educational institutions. With a compact design, a bright, clear 15.6-inch display for vibrant visuals, plus impressive performance, enterprise-level security, military-grade durability, and extensive connectivity, ExpertBook B1 is the perfect portable partner to empower your business.

Compact design

Designed with a 15.6-inch NanoEdge display and 178 degree wide view, ExpertBook B1 is primed to empower productivity, in or out of the office.

Powerful performance

ExpertBook B1 is powered by an up to 12th Gen Intel Core i7 processor. It also features up to 48 GB RAM and an up to 2 TB PCI Express (PCIe) SSD - so its ready for your everyday business tasks.

Enterprise-grade security

Engineered with robust features that include face login, a fingerprint sensor, a Kensington lock slot, a physical webcam shield, and TPM 2.0 security, ExpertBook B1 delivers security thats fit for business - offering serious safety and protection for your premium device and priceless data.

Seriously durable

ExpertBook B1 meets the industry-leading MIL-STD 810H US military standard - in addition to undergoing extensive and stringent in-house testing, offering the assurance of exceptional protection wherever you go.

Go-anywhere mobility

With a 15.6-inch, NanoEdge display, and 178 degree wide viewing angle, ExpertBook B1 enables superb viewing experiences for every scenario. The NanoEdge display keeps ExpertBook B1 compact so you can simply slip ExpertBook B1 into your backpack, and youll be ready for a full day of performance anywhere.

Great all-around performance

Enjoy heavy-duty performance on ExpertBook B1, with an advanced 12th Gen Intel Core processor, delivering the powerful performance you need to get the job done. Coupled with up to 48 GB memory and capacious storage, Expertbook B1 is the business laptop that equips you for even the most intensive work and ensures quick access to the content you need. Its also primed for non-stop connectivity, with congestion-busting WiFi 6E for speedy stable connection.

Enterprise-grade security

With extensive and robust security features, ExpertBook B1 is the ultimate personal guard for your confidential files.

Fingerprint sensor

ExpertBook B1 has built-in biometric security, with a fingerprint sensor for easy access. So, just tap the button to log in - no difficult-to-remember passwords or PIN required!

TPM 2.0

A discrete TPM 2.0 chip securely stores authentication information used by software, such as passwords or encryption keys, to protect important data and transactions. Your details remain encrypted, virtually eliminating the risk of leaks through hacking.

IR camera

Speedy and secure facial login with IR camera, allowing you to get to work without lifting a finger.

Webcam privacy shield

A physical cover obscures ExpertBook B1s webcam for an assurance of instant privacy when its not in use.

I/O ports

ExpertBook B1 is loaded with I/O ports for productivity enhancement. These include USB Type-A, USB Type-C, and an HDMI output, plus wired network connectivity with a unique MAC address for easy device management.

Specifications:

Part No	90NX0621-M00K00
Model Name	B1502CGA-I38128B1X
EAN Code	4711387427583
UPC Code	197105427587
Operating System	Windows 11 Pro - ASUS recommends Windows 11 Pro for business
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)	90/65
Response time(Typ/Max) (ms)	2024/10/20
Refresh rate	60Hz
Contrast (Typ)	500:1
Touch Panel	Non-touch screen
Screen-to-body ratio	0.83
IPS-level	TN
Processor	Intel Core i3-N305 Processor 1.8 GHz (6M Cache, up to 3.8 GHz, 8 cores)
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	N/A
DIMM Memory	8GB DDR4 SO-DIMM
Total System Memory	DDR4 8GB
Storage	128GB M.2 2280 NVMe PCIe 3.0 SSD
SSD Cache	N/A
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
ScreenPad	N/A
FingerPrint	FingerPrint
Keyboard type	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 1 Type-C support display / power delivery, 1x HDMI 1.4, up to 1920x1080/60Hz, 1x 3.5mm Combo Audio Jack, 1x RJ45 Gigabit Ethernet, N/A
Audio	Audio by Dirac, Built-in speaker, Built-in array microphone
Voice control	N/A
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
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)	1.69 kg (3.73 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, Computrace ready from BIOS, HDD User Password Protection and Security, 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, McAfee
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 France)	8.4
Ecolabels & Compliances	EPEAT Gold, Energy star 8.0, FSC Mix, REACH, RoHS, TCO Certified

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx.co.za/Buy-Notebooks-Laptops-B1502CGA-I38128B1X-Asus-ExpertBook-lp-294253.php

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