ASUS

ASUS ExpertBook B1 B1502CG-BQI381XA Intel Core i3 N-series i3-N305 Laptop 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM 128 GB Flash Wi-Fi 6 (802.11ax) Windows 11 Pro Education Black

Brand : ASUS

Product family: ExpertBook

Product code: 90NX0621-M009Z0

Product name : B1502CG-BQI381XA

- Windows 11 Pro Education
- Intel® Core™ i3-N305 Processor
- Up to Intel® UHD graphics
- 15.6" compact screen
- Enterprise-grade security features
- MIL-STD 810H US military standard

Intel Core i3-N305 (6MB Cache), 8GB DDR4-SDRAM, 128GB Flash, 39.6 cm (15.6") Full HD 1920 x 1080, Intel UHD Graphics, LAN, WLAN, Webcam, Windows 11 Pro Education 64-bit
ASUS ExpertBook B1 B1502CG-BQI381XA. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core i3 N-series, Processor model: i3-N305. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 128 GB, Storage media: Flash. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Pro Education. Product colour: Black. Weight: 1.69 kg

Design		Network	
Colour name	Star Black	Antenna type	2x2
Product type *	Laptop	Ethernet LAN	✔
Product colour *	Black	Ethernet LAN data rates	10,100,1000 Mbit/s
Form factor *	Clamshell	Bluetooth	✔
Housing material	Plastic	Bluetooth version	5.3
Market positioning	Business	**Ports & interfaces**	
Display		USB 2.0 ports quantity *	1
Display diagonal *	39.6 cm (15.6")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Touchscreen *	✘	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HD type	Full HD	Ethernet LAN (RJ-45) ports	1
LED backlight	✔	HDMI ports quantity *	1
Native aspect ratio	16:9	HDMI version	1.4
Anti-glare screen	✔	Combo headphone/mic port	✔
Display brightness	250 cd/m²	Charging port type	USB Type-C
RGB colour space	NTSC	USB Type-C DisplayPort Alternate Mode	✔
Colour gamut	45%	USB Power Delivery	✔
Processor		**Keyboard**	
Processor manufacturer *	Intel	Pointing device	Touchpad
Processor family *	Intel Core i3 N-series	Numeric keypad *	✔
Processor generation	Intel Core i3-Nxxx	Keyboard backlit	✔
Processor model *	i3-N305	**Software**	
Processor cores	8	Operating system architecture	64-bit
Processor boost frequency	3.8 GHz	Trial software	1-month trial for new Microsoft 365 customers
Processor cache	6 MB		
Processor cache type	Smart Cache		
Memory			
Internal memory *	8 GB		

Memory

Internal memory type	DDR4-SDRAM
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 8 GB
Maximum internal memory *	16 GB

Storage

Total storage capacity *	128 GB
Storage media *	Flash
Flash memory	128 GB
Optical drive type *	✖
Card reader integrated	✖

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✖
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics

Audio

Audio system	Dirac
Built-in microphone	✔

Camera

Front camera	✔
Front camera HD type	HD
Infrared (IR) camera	✔
Privacy camera	✔
Privacy type	Privacy shutter

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✖

Software

Operating system installed *	Windows 11 Pro Education

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	42 Wh

Power

AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	3.25 A
AC adapter output voltage	20 V

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✔
Face recognition	✔
Windows Hello	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Password protection	✔
Password protection type	BIOS, HDD, User

Sustainability

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, EPEAT Gold, REACH, RoHS, TCO

Weight & dimensions

Width	361.6 mm
Depth	233 mm
Height	19.9 mm
Weight *	1.69 kg

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