



# 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/m <sup>2</sup>	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		

<b>Memory</b>		<b>Software</b>	
Internal memory type	DDR4-SDRAM	Operating system installed *	Windows 11 Pro Education
Memory form factor	SO-DIMM	<b>Battery</b>	
Memory layout (slots x size)	1 x 8 GB	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	16 GB	Number of battery cells	3
<b>Storage</b>		Battery capacity *	42 Wh
Total storage capacity *	128 GB	<b>Power</b>	
Storage media *	Flash	AC adapter power	65 W
Flash memory	128 GB	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Card reader integrated	✗	AC adapter output current	3.25 A
<b>Graphics</b>		AC adapter output voltage	20 V
Discrete graphics card model *	Not available	<b>Security</b>	
On-board graphics card *	✓	Cable lock slot	✓
On-board GPU manufacturer	Intel	Cable lock slot type	Kensington
Discrete graphics card *	✗	Fingerprint reader	✓
On-board graphics card family	Intel® UHD Graphics	Face recognition	✓
On-board graphics card model *	Intel® UHD Graphics	Windows Hello	✓
<b>Audio</b>		Trusted Platform Module (TPM)	✓
Audio system	Dirac	Trusted Platform Module (TPM) version	2.0
Built-in microphone	✓	Password protection	✓
<b>Camera</b>		Password protection type	BIOS, HDD, User
Front camera	✓	<b>Sustainability</b>	
Front camera HD type	HD	Sustainability compliance	✓
Infrared (IR) camera	✓	Sustainability certificates	ENERGY STAR, EPEAT Gold, REACH, RoHS, TCO
Privacy camera	✓	<b>Weight &amp; dimensions</b>	
Privacy type	Privacy shutter	Width	361.6 mm
<b>Network</b>		Depth	233 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Height	19.9 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Weight *	1.69 kg
Mobile network connection *	✗		



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