

ASUS ExpertBook B1 B1402CGA-NK0412XA Intel Core i3 N-series i3-N305 Laptop 35.6 cm (14") Full HD 16 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Education Black

Brand : ASUS

Product family: ExpertBook

Product code: 90NX0611-M00EZ0



Product name : B1402CGA-NK0412XA

- Windows 11 Pro Education 64-bit
- Intel Core i3-N305 (6MB Cache)
- 35.6 cm (14") Full HD 1920 x 1080 TN
- 16GB DDR4-SDRAM & 256GB SSD

Intel Core i3-N305 (6MB Cache), 16GB DDR4-SDRAM, 256GB SSD, 35.6 cm (14") Full HD 1920 x 1080 TN, Intel UHD Graphics, LAN, WLAN, Webcam, Windows 11 Pro Education 64-bit

ASUS ExpertBook B1 B1402CGA-NK0412XA. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core i3 N-series, Processor model: i3-N305, Processor frequency: 1.8 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Pro Education. Product colour: Black



Design		Network	
Colour name	Star Black	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Black	Antenna type	2x2
Form factor *	Clamshell	Ethernet LAN	✓
Housing material	Plastic	Ethernet LAN data rates	10,100,1000 Mbit/s
Market positioning	Business	Bluetooth	✓
Introduction year	2023	Bluetooth version	5.3
Display		Ports & interfaces	
Display diagonal *	35.6 cm (14")	USB 2.0 ports quantity *	1
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
HD type	Full HD	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Panel type	TN	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 ²	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	NTSC	Keyboard	
Colour gamut	45%	Pointing device	NumberPad
Processor		Numeric keypad *	✗
Processor manufacturer *	Intel	Spill-resistant keyboard	✓
Processor family *	Intel Core i3 N-series	Keyboard layout	QWERTY
Processor generation	Intel Core i3-Nxxx	Software	
Processor model *	i3-N305	Operating system architecture	64-bit
Processor cores	8		
Processor boost frequency	3.8 GHz		
Processor frequency *	1.8 GHz		
Processor cache	6 MB		

Processor		Software	
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Pro Education
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	DDR4-SDRAM	Number of battery cells	3
Memory form factor	SO-DIMM	Battery capacity *	42 Wh
Memory slots	1x SO-DIMM	Power	
Storage		AC adapter power	65 W
Total storage capacity *	256 GB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	256 GB	AC adapter output current	3.25 A
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	256 GB	USB Type-C charging port *	✓
SSD interface	PCI Express 4.0	USB Power Delivery (USB PD)	✓
NVMe	✓	Security	
SSD form factor	M.2	Cable lock slot	✓
Optical drive type *	✗	Cable lock slot type	Kensington
Card reader integrated	✗	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, HDD, User
On-board GPU manufacturer	Intel	Certificates	
Discrete graphics card *	✗	Compliance certificates	RoHS, REACH
On-board graphics card family	Intel® UHD Graphics	Sustainability	
On-board graphics card model *	Intel® UHD Graphics	Sustainability certificates	EPEAT Gold, TCO, ENERGY STAR, Forest Stewardship Council (FSC) Mix
Audio		Weight & dimensions	
Audio system	Dirac	Width	326.9 mm
Number of built-in speakers	2	Depth	214.5 mm
Speaker power	2 W	Height	19.9 mm
Built-in microphone	✓	Weight *	1.49 kg
Camera		Packaging data	
Front camera	✓	Package width	440 mm
Front camera HD type	HD	Package depth	65 mm
Privacy camera	✓	Package height	290 mm
Privacy type	Privacy shutter	Package weight	2.43 kg
Network			
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		



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