

## ASUS ExpertBook B1 B1503CT-i381XA Intel® N N355 Laptop 39.6 cm (15.6") Full HD 8 GB LPDDR5x-SDRAM 128 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Education Grey

**Brand :** ASUS

**Product family:** ExpertBook

**Product code:** 90NX08Q1-M00040

**Product name :** B1503CT-i381XA



- Windows 11 Pro Education 64-bit
  - Intel N N355 (6MB Cache)
  - 39.6 cm (15.6") Full HD 1920 x 1080
  - 8GB LPDDR5x-SDRAM & 128GB SSD
- Intel N N355 (6MB Cache), 8GB LPDDR5x-SDRAM, 128GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro Education 64-bit

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### Elevated, effortless and secure

ASUS ExpertBook B1 offers extensive customization options to empower your business. Designed with productivity in mind, it features AI capabilities such as AI ExpertMeet, Copilot in Windows, and AI noise-canceling technology enables you do your best. Powered by the latest Intel® Core™ 7 processor and offering military-grade durability, it is engineered to handle various tasks smoothly. It includes a full set of I/O ports, fast connection up to Wi-Fi 6E, and advanced security features. Lightweight with long battery life and stunning visuals and audio, it provides flexibility wherever you work. ASUS ExpertBook B1 streamlines your workflow to keep you productive.

Design		Network	
Colour name	Gentle Grey	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product colour *	Grey	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Housing material	Plastic	Ethernet LAN	✓
Market positioning	Business	Ethernet LAN data rates	10,100,1000 Mbit/s
Introduction year	2024	Bluetooth	✓
Display		Bluetooth version	5.3
Display diagonal *	39.6 cm (15.6")	Ports & interfaces	
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
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	300 cd/m²	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	NTSC	Keyboard	
Colour gamut	45%	Pointing device	Touchpad
Maximum refresh rate	60 Hz	Numeric keypad *	✓
Contrast ratio (typical)	800:1	Keyboard backlit	✓
Processor		Copilot key	✓
Processor manufacturer *	Intel	Software	
Processor family *	Intel® N	Operating system architecture	64-bit
Processor model *	N355	Operating system installed *	Windows 11 Pro Education
Processor cores	8		
Processor threads	8		
Processor boost frequency	3.9 GHz		
Processor cache	6 MB		

Processor		Software	
Processor cache type	Smart Cache	Microsoft Copilot	✓
Processor base power	15 W		
Memory		Battery	
Internal memory *	8 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	LPDDR5x-SDRAM	Number of battery cells	3
Memory form factor	On-board	Battery capacity *	42 Wh
Maximum internal memory *	8 GB		
Storage		Power	
Total storage capacity *	128 GB	AC adapter power	45 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	128 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	2.25 A
SSD capacity	128 GB	AC adapter output voltage	20 V
SSD interface	PCI Express 4.0	USB Type-C charging port *	✓
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2		
Optical drive type *	✗	Security	
Card reader integrated	✗	Cable lock slot	✓
		Cable lock slot type	Kensington
Graphics		Fingerprint reader	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Trusted Platform Module (TPM) version	2.0
On-board GPU manufacturer	Intel	Password protection	✓
Discrete graphics card *	✗	Password protection type	BIOS, HDD, User
On-board graphics card family	Intel Graphics		
On-board graphics card model *	Intel Graphics	Certificates	
		Compliance certificates	REACH
Audio		Sustainability	
Built-in microphone	✓	Sustainability certificates	ENERGY STAR, Forest Stewardship Council (FSC) Recycled, TCO
Camera		Weight & dimensions	
Front camera	✓	Width	359.5 mm
Front camera resolution	1280 x 720 pixels	Depth	232.2 mm
Front camera HD type	HD	Height	19.9 mm
Privacy camera	✓	Weight *	1.59 kg
Privacy type	Privacy shutter		
		Packaging content	
		AC adapter included *	✓



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