



ASUS ExpertBook B1 B1502CBA-BQI715X i7-1255U Notebook 39.6 cm (15.6") Full HD Intel® Core™ i7 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : ASUS

Product family: ExpertBook

Product code: 90NX05U1-M01710



Product name : B1502CBA-BQI715X

- Windows 11 Pro - ASUS recommends Windows 11 Pro for business
- Intel Core i7-1255U Processor
- Intel UHD Graphics
- 15.6-inch Full HD display
- Enterprise-grade security features
- MIL-STD 810H US military standard

Intel Core i7-1255U (12MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel Iris Xe Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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Introducing the ASUS ExpertBook B1

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.



Design		Camera	
Colour name	Star Black	Privacy camera	✓
Product type *	Notebook	Privacy type	Privacy shutter
Product colour *	Black	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Housing material	Plastic	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Market positioning	Business	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	39.6 cm (15.6")	Ethernet LAN	✓
Display resolution *	1920 x 1080 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD	Bluetooth version	5.3
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:9	USB 2.0 ports quantity *	1
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Display brightness	250 cd/m ²	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
RGB colour space	NTSC	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Colour gamut	45%	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	1.4
Processor generation	12th gen Intel® Core™ i7	Combo headphone/mic port	✓
Processor model *	i7-1255U	Charging port type	USB Type-C
Processor family *	Intel® Core™ i7	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	4.7 GHz	USB Power Delivery	✓
Efficient-core Max Turbo Frequency	3.5 GHz	Keyboard	
Performance-core Max Turbo Frequency	4.7 GHz	Pointing device	Touchpad
Processor cores	10		
Processor cache	12 MB		

Processor		Keyboard	
Processor cache type	Smart Cache	Numeric keypad *	✓
Processor base power	15 W	Keyboard backlit	✓
Maximum turbo power	55 W	Software	
Performance cores	2	Operating system architecture	64-bit
Efficient cores	8	Trial software	1-month trial for new Microsoft 365 customers
Memory		Operating system installed *	Windows 11 Pro
Internal memory *	16 GB	Battery	
Internal memory type	DDR4-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board + SO-DIMM	Number of battery cells	3
Memory layout (slots x size)	1 x 16 GB	Battery capacity *	42 Wh
Memory slots	1x SO-DIMM	Power	
Maximum internal memory *	48 GB	AC adapter power	65 W
Storage		AC adapter frequency	50 - 60 Hz
Total storage capacity *	512 GB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	3.25 A
Total SSDs capacity	512 GB	AC adapter output voltage	20 V
Number of SSDs installed	1	Security	
SSD capacity	512 GB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Kensington
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Face recognition	✓
Optical drive type *	✗	Windows Hello	✓
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
Discrete graphics card *	✗	Sustainability	
On-board graphics card family	Intel Iris Xe Graphics	Sustainability compliance	✓
On-board graphics card model *	Intel Iris Xe Graphics	Sustainability certificates	ENERGY STAR, EPEAT Gold, REACH, RoHS, TCO
Audio		Weight & dimensions	
Audio system	Dirac	Width	361.6 mm
Built-in microphone	✓	Depth	233 mm
Camera		Height	19.9 mm
Front camera	✓	Weight *	1.69 kg
Front camera HD type	HD		
Infrared (IR) camera	✓		



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