

ASUS ExpertBook B2 B2502CBA-KJ0459X Intel® Core™ i5 i5-1240P Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black



Brand : ASUS

Product family: ExpertBook

Product code: 90NX04K1-M00KE0

Product name : B2502CBA-KJ0459X

- Windows 11 Pro 64-bit
- Intel Core i5-1240P (12MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080
- 16GB DDR4-SDRAM (2 x 8) & 512GB SSD

Intel Core i5-1240P (12MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel Iris Xe Graphics, LAN, WLAN, 5G, Webcam, Windows 11 Pro 64-bit

ASUS ExpertBook B2 B2502CBA-KJ0459X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1240P. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Mobile network generation: 5G. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Ports & interfaces	
Colour name	Star Black	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Product type *	Laptop	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Product colour *	Black	Ethernet LAN (RJ-45) ports	1
Form factor *	Clamshell	HDMI ports quantity *	1
Market positioning	Business	HDMI version	1.4
Display		Thunderbolt 4 ports quantity	1
Display diagonal *	39.6 cm (15.6")	Intel® Thunderbolt 4	✓
Display resolution *	1920 x 1080 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	SmartCard slot	✓
HD type	Full HD	USB Type-C DisplayPort Alternate Mode	✓
LED backlight	✓	Performance	
Native aspect ratio	16:9	Repairability index	8.5
Anti-glare screen	✓	Keyboard	
Display brightness	400 cd/m²	Pointing device	Touchpad
RGB colour space	NTSC	Numeric keypad *	✓
Colour gamut	45%	Keyboard backlit	✓
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i5	Operating system installed *	Windows 11 Pro
Processor generation	12th gen Intel® Core™ i5	Processor special features	
Processor model *	i5-1240P	Intel Flex Memory Access	✓
Processor cores	12	Intel Trusted Execution Technology	✓
Processor boost frequency	4.4 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache	12 MB		
Configurable TDP-down	20 W		
Memory			
Internal memory *	16 GB		

Memory		Processor special features	
Internal memory type	DDR4-SDRAM	Execute Disable Bit	✓
Memory form factor	SO-DIMM	CPU configuration (max)	1
Memory layout (slots x size)	2 x 8 GB	Embedded options available	✗
Memory slots	2x SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Maximum internal memory *	64 GB	Intel Virtualization Technology (VT-x)	✓
Storage		Battery	
Total storage capacity *	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	3
Total SSDs capacity	512 GB	Battery capacity *	48 Wh
Number of SSDs installed	1	Power	
SSD capacity	512 GB	AC adapter power	65 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	3.42 A
Optical drive type *	✗	AC adapter output voltage	19 V
Card reader integrated	✓	USB Type-C charging port *	✓
Graphics		USB Power Delivery (USB PD)	✓
Discrete graphics card model *	Not available	Security	
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 model *	Intel Iris Xe Graphics	Face recognition	✓
Audio		Windows Hello	✓
Built-in microphone	✓	Trusted Platform Module (TPM)	✓
Camera		Trusted Platform Module (TPM) version	2.0
Front camera	✓	Password protection	✓
Front camera HD type	HD	Password protection type	BIOS, HDD, User
Infrared (IR) camera	✓	Certificates	
Privacy camera	✓	Compliance certificates	RoHS, REACH
Privacy type	Privacy shutter	Sustainability	
Network		Sustainability certificates	EPEAT Silver, ENERGY STAR
Mobile network generation	5G	Weight & dimensions	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Width	364.5 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Depth	247.3 mm
Mobile network connection *	✓	Height (front)	1.99 cm
Antenna type	2x2	Height (rear)	2 cm
Ethernet LAN	✓	Weight *	1.75 kg
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		
Bluetooth version	5.1		
Ports & interfaces			
USB 2.0 ports quantity *	1		

Catalog Object Cloud



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