



ASUS ExpertBook B5 OLED B5602CBA-L2i7X Intel® Core™ i7 i7-1260P Laptop 40.6 cm (16") WQUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : ASUS

Product family: ExpertBook

Product code: 90NX05H1-M00EVO

Product name : B5602CBA-L2i7X



- Windows 11 Pro for business
 - An 12th gen Intel® Core™ i7 processor
 - Dual-fan design for cool-to-touch typing experience with enhanced performance
 - Stunning OLED display for immersive work experience with 16:10 ratio
 - 16" display with 1.4 kg thin-and-light design for expansive on-the-go productivity
 - All-day battery
 - Enterprise-grade security features
 - US military grade standard tested for robust durability
- Intel Core i7-1260P (18MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") WQUXGA 3840 x 2400 OLED, Intel Iris Xe Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit



Design		Network	
Colour name	Star Black	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Black	Antenna type	2x2
Form factor *	Clamshell	Ethernet LAN	✓
Housing material	Aluminium, Magnesium	Bluetooth	✓
Market positioning	Work	Bluetooth version	5.3
Display		Ports & interfaces	
Display diagonal *	40.6 cm (16")	USB 2.0 ports quantity *	1
Display resolution *	3840 x 2400 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Touchscreen *	✗	Ethernet LAN (RJ-45) ports	1
HD type	WQUXGA	HDMI ports quantity *	1
Panel type	OLED	HDMI version	2.0b
Native aspect ratio	16:10	Thunderbolt 4 ports quantity	2
Display surface	Gloss	Intel® Thunderbolt 4	✓
Display brightness	400 cd/m ²	Combo headphone/mic port	✓
RGB colour space	DCI-P3	Charging port type	USB Type-C
Colour gamut	100%	USB Type-C DisplayPort Alternate Mode	✓
		USB Power Delivery	✓
Processor		Keyboard	
Processor manufacturer *	Intel	Pointing device	Touchpad
Processor family *	Intel® Core™ i7	Numeric keypad *	✓
Processor generation	12th gen Intel® Core™ i7	Keyboard backlit	✓
Processor model *	i7-1260P		
Processor cores	12		
Configurable TDP-down	20 W		
Memory		Software	
Internal memory *	16 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Memory form factor	On-board + SO-DIMM		

Memory		Software	
Memory slots	1x SO-DIMM	Operating system installed *	Windows 11 Pro
Maximum internal memory *	40 GB	Processor special features	
Storage		CPU configuration (max)	1
Total storage capacity *	512 GB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	512 GB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	84 Wh
SSD capacity	512 GB	Power	
SSD interface	PCI Express 4.0	AC adapter power	90 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	AC adapter output current	4.5 A
Card reader integrated	✓	AC adapter output voltage	20 V
Compatible memory cards	MicroSD (TransFlash)	Security	
Graphics		Cable lock slot	✓
Discrete graphics card model *	Not available	Cable lock slot type	Kensington
On-board graphics card *	✓	Fingerprint reader	✓
On-board GPU manufacturer	Intel	Windows Hello	✓
Discrete graphics card *	✗	Trusted Platform Module (TPM)	✓
On-board graphics card model *	Intel Iris Xe Graphics	Trusted Platform Module (TPM) version	2.0
Audio		Password protection	✓
Audio system	Dolby Atmos	Password protection type	BIOS, HDD, User
Built-in microphone	✓	Sustainability	
Camera		Sustainability certificates	EPEAT Gold, ENERGY STAR, RoHS
Front camera	✓	Weight & dimensions	
Front camera HD type	HD	Width	358.2 mm
Infrared (IR) camera	✓	Depth	261.2 mm
Privacy camera	✓	Height	19.9 mm
Privacy type	Privacy shutter	Weight *	1.5 kg
Network			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		



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