



# ASUS ExpertBook B5 OLED B5602CBA-L2i5X Intel® Core™ i5 i5-1240P Laptop 40.6 cm (16") WQUXGA 8 GB DDR5-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

**Brand :** ASUS

**Product family:** ExpertBook

**Product code:** 90NX05H1-M00EU0

**Product name :** B5602CBA-L2i5X



- Windows 11 Pro for business
  - An 12th gen Intel® Core™ i5 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 i5-1240P (12MB Cache), 8GB DDR5-SDRAM, 256GB SSD, 40.6 cm (16") WQUXGA 3840 x 2400 OLED, Intel UHD Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit



Design		Network	
Colour name	Star Black	Mobile network connection *	✗
Product type *	Laptop	Antenna type	2x2
Product colour *	Black	Ethernet LAN	✓
Form factor *	Clamshell	Ethernet LAN data rates	10,100,1000 Mbit/s
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 <sup>2</sup>	Combo headphone/mic port	✓
RGB colour space	DCI-P3	Charging port type	USB Type-C
Colour gamut	100%	USB Type-C DisplayPort Alternate Mode	✓
Processor		USB Power Delivery	✓
Processor manufacturer *	Intel	Keyboard	
Processor family *	Intel® Core™ i5	Pointing device	Touchpad
Processor generation	12th gen Intel® Core™ i5	Numeric keypad *	✓
Processor model *	i5-1240P	Keyboard backlit	✓
Processor cores	12	Software	
Processor cache	12 MB	Operating system architecture	64-bit
Configurable TDP-down	20 W	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Memory			
Internal memory *	8 GB		
Internal memory type	DDR5-SDRAM		

<b>Memory</b>		<b>Software</b>	
Memory form factor	On-board	Operating system installed *	Windows 11 Pro
Memory slots	1x SO-DIMM	<b>Processor special features</b>	
Maximum internal memory *	40 GB	CPU configuration (max)	1
<b>Storage</b>		<b>Battery</b>	
Total storage capacity *	256 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	256 GB	Battery capacity *	84 Wh
Number of SSDs installed	1	<b>Power</b>	
SSD capacity	256 GB	AC adapter power	90 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	4.5 A
Optical drive type *	✗	AC adapter output voltage	20 V
Card reader integrated	✓	<b>Security</b>	
Compatible memory cards	MicroSD (TransFlash)	Cable lock slot	✓
<b>Graphics</b>		Cable lock slot type	Kensington
Discrete graphics card model *	Not available	Fingerprint reader	✓
On-board graphics card *	✓	Windows Hello	✓
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✗	Trusted Platform Module (TPM) version	2.0
On-board graphics card model *	Intel® UHD Graphics	Password protection	✓
<b>Audio</b>		Password protection type	BIOS, HDD, User
Audio system	Dolby Atmos	<b>Certificates</b>	
Built-in microphone	✓	Compliance certificates	RoHS
<b>Camera</b>		<b>Sustainability</b>	
Front camera	✓	Sustainability certificates	EPEAT Gold, ENERGY STAR
Front camera HD type	HD	<b>Weight &amp; dimensions</b>	
Infrared (IR) camera	✓	Width	358.2 mm
Privacy camera	✓	Depth	261.2 mm
Privacy type	Privacy shutter	Height	19.9 mm
<b>Network</b>		Weight *	1.5 kg
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	Wi-Fi 6E (802.11ax)		



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