ASUS ExpertBook B5 OLED B5602CBA-Q73P-CB laptop Intel® Core™ i7 i7-1260P 40.6 cm (16") WQUXGA 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Black

Brand : ASUS

Product family: ExpertBook

Product code: B5602CBA-Q73P-CB

Product name : B5602CBA-Q73P-CB

- Windows 11 Pro 64-bit
- Intel Core i7-1260P (18MB Cache)
- 40.6 cm (16") WQUXGA 3840 x 2400 OLED
- 16GB DDR5-SDRAM & 512GB SSD

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, Webcam, Windows 11 Pro 64-bit

ASUS ExpertBook B5 OLED B5602CBA-Q73P-CB. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1260P. Display diagonal: 40.6 cm (16"), HD type: WQUXGA, Display resolution: 3840 x 2400 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Black

Design	
Colour name	Star Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Work

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	3840 x 2400 pixels
Touchscreen *	✗
HD type	WQUXGA
Panel type	OLED
Native aspect ratio	16:10
Display surface	Gloss
Display brightness	400 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	12th gen Intel® Core™ i7
Processor model *	i7-1260P
Processor cores	12
Processor boost frequency	4.7 GHz
Processor cache	18 MB
Configurable TDP-down	20 W

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM

Network	
Bluetooth	✓
Bluetooth version	5.3

Ports & interfaces	
USB 2.0 ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.0b
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✓
Combo headphone/mic port	✓
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 11 Pro

Processor special features	
Intel Flex Memory Access	✓
Intel Trusted Execution Technology	✓
Intel VT-x with Extended Page Tables (EPT)	✓
Execute Disable Bit	✓

Memory	
Memory form factor	On-board + SO-DIMM
Memory slots	1x SO-DIMM
Maximum internal memory *	40 GB

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✓
SSD form factor	M.2
Optical drive type *	✗
Card reader integrated	✓
Compatible memory cards	MicroSD (TransFlash)

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✓
Discrete graphics card *	✗
On-board graphics card model *	Intel Iris Xe Graphics

Audio	
Audio system	Dolby Atmos
Built-in microphone	✓

Camera	
Front camera	✓
Front camera HD type	HD
Infrared (IR) camera	✓

Network	
Mobile network connection *	✗
Antenna type	2x2
Ethernet LAN	✓

Processor special features	
CPU configuration (max)	1
Embedded options available	✗
Intel Virtualization Technology for Directed I/O (VT-d)	✓
Intel Virtualization Technology (VT-x)	✓

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	84 Wh

Power	
AC adapter power	90 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	4.5 A
AC adapter output voltage	20 V

Security	
Cable lock slot	✓
Cable lock slot type	Kensington
Fingerprint reader	✓
Windows Hello	✓
Trusted Platform Module (TPM)	✓
Trusted Platform Module (TPM) version	2.0

Weight & dimensions	
Width	358.2 mm
Depth	261.2 mm
Height	19.9 mm

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