

ASUS Vivobook Pro 15 OLED Pro OLED 15.5" AMD Ryzen™ 7 5800H 16Gb 512G SSD

Brand : ASUS

Product family: Vivobook

Product code: 90NB0US1-
M000X0

Product name : ASUS Vivobook
Pro OLED 15.5" AMD Ryzen™ 7
5800H 16Gb 512G SSD



- Windows 11 Home 64-bit
- AMD Ryzen 7 5800H (16MB Cache, 3.2GHz)
- 39.6 cm (15.6") Full HD 1920 x 1080 OLED
- 16GB DDR4-SDRAM (1 x 16) & 512GB SSD

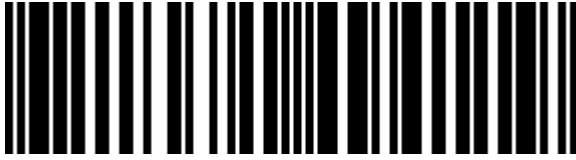
AMD Ryzen 7 5800H (16MB Cache, 3.2GHz), 16GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 OLED, AMD Radeon Graphics, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook Pro 15 OLED Pro OLED 15.5" AMD Ryzen™ 7 5800H 16Gb 512G SSD. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 5800H, Processor frequency: 3.2 GHz. 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: AMD Radeon Graphics. Operating system installed: Windows 11 Home. Product colour: Silver



Design		Camera	
Colour name	Cool Silver	Privacy camera	✓
Product type *	Laptop	Privacy type	Privacy shutter
Product colour *	Silver	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Market positioning	Home	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Country of origin	China	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	39.6 cm (15.6")	Ethernet LAN	✗
Display resolution *	1920 x 1080 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.0
HD type	Full HD	Ports & interfaces	
Panel type	OLED	USB 2.0 ports quantity *	2
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Display surface	Gloss	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Display brightness	600 cd/m ²	HDMI ports quantity *	1
RGB colour space	DCI-P3	HDMI version	1.4
Colour gamut	100%	Combo headphone/mic port	✓
Display response rise/fall	0.2 ms	Charging port type	DC-in jack
Contrast ratio (typical)	1000000:1	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	AMD	Numeric keypad *	✓
Processor family *	AMD Ryzen™ 7	Keyboard backlit	✓
Processor generation	AMD Ryzen 5000 Series	Software	
Processor model *	5800H	Operating system architecture	64-bit
Processor cores	8	Trial software	1-month trial for new Microsoft 365 customers
Processor boost frequency	4.4 GHz		
Processor frequency *	3.2 GHz		
Processor cache	16 MB		

Memory		Software	
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR4-SDRAM	Battery	
Memory form factor	On-board	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	16 GB	Number of battery cells	3
Storage		Battery capacity *	63 Wh
Total storage capacity *	512 GB	Power	
Storage media *	SSD	AC adapter power	90 W
Total SSDs capacity	512 GB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	512 GB	AC adapter output current	4.74 A
SSD interface	NVMe, PCI Express 3.0	AC adapter output voltage	19 V
NVMe	✓	Security	
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Password protection	✓
Card reader integrated	✓	Password protection type	BIOS, User
Compatible memory cards	MicroSD (TransFlash)	Weight & dimensions	
Graphics		Width	359.8 mm
Discrete graphics card model *	Not available	Depth	235.3 mm
On-board graphics card *	✓	Height (front)	1.89 cm
On-board GPU manufacturer	AMD	Height (rear)	1.99 cm
Discrete graphics card *	✗	Weight *	1.65 kg
On-board graphics card model *	AMD Radeon Graphics	Packaging data	
Audio		Package width	65 mm
Speakers manufacturer	Harman Kardon	Package depth	460 mm
Built-in microphone	✓	Package height	290 mm
Camera		Package weight	3.24 kg
Front camera	✓	Logistics data	
Front camera HD type	HD	Harmonized System (HS) code	84713000



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