



# ASUS VivoBook Pro 16X OLED M7600RE-L2028W AMD Ryzen™ 9 6900HX Laptop 40.6 cm (16") WQUXGA 32 GB LPDDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3050 Ti Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: VivoBook

Product code: 90NB0YQ1-M00140

Product name : M7600RE-L2028W



AMD Ryzen 9 6900HX (16MB Cache, 3.3GHz), 32GB LPDDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQUXGA 3840 x 2400 OLED, AMD Radeon 680M, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

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ASUS Vivobook Pro 16X OLED

## Wow the World with Supreme Power

Shape the future with Vivobook Pro 16X OLED, the ultimate powerhouse for next-generation creativity. Vivobook Pro 16X OLED brings you the speed and accuracy you need to realize your vision, with a 16-inch NanoEdge 4K OLED display, AMD Ryzen™ 9 6900HX processor, and NVIDIA® GeForce RTX™ 3050 Ti graphics. The exclusive DialPad gives you precise and intuitive control of your creative tools, and the dual-fan cooling design lets you work in undisturbed peace. Vivobook Pro 16X OLED unlocks the door to your creative future.



Design		Graphics	
Colour name	0°Black	Discrete graphics card *	✓
Product type *	Laptop	On-board graphics card model *	AMD Radeon 680M
Product colour *	Black	<b>Audio</b>	
Form factor *	Clamshell	Built-in microphone	✓
Housing material	Aluminium	<b>Camera</b>	
Market positioning	Home	Front camera	✓
<b>Display</b>		Front camera HD type	HD
Display diagonal *	40.6 cm (16")	Privacy camera	✓
Display resolution *	3840 x 2400 pixels	Privacy type	Privacy shutter
Touchscreen *	✗	<b>Network</b>	
HD type	WQUXGA	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Panel type	OLED	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Native aspect ratio	16:10	Mobile network connection *	✗
Display surface	Gloss	Antenna type	2x2
Display brightness	400 cd/m <sup>2</sup>	Ethernet LAN	✗
Maximum display brightness (HDR)	550 cd/m <sup>2</sup>	Bluetooth	✓
RGB colour space	DCI-P3	Bluetooth version	5.2
Colour gamut	100%	<b>Ports &amp; interfaces</b>	
Maximum refresh rate	60 Hz	USB 2.0 ports quantity *	2
Contrast ratio (typical)	1000000:1	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
High Dynamic Range (HDR) supported	✓	USB4 Gen 3x2 ports quantity	1
High Dynamic Range (HDR) technology	HDR True Black 500	HDMI ports quantity *	1
<b>Processor</b>		HDMI version	2.1
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor family *	AMD Ryzen™ 9	Charging port type	DC-in jack
Processor model *	6900HX	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	8		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor boost frequency	4.9 GHz	USB Power Delivery	✓
Processor frequency *	3.3 GHz	<b>Keyboard</b>	
Processor cache	16 MB	Pointing device	Touchpad
<b>Memory</b>		Numeric keypad *	✓
Internal memory *	32 GB	Keyboard backlit	✓
Internal memory type	LPDDR5-SDRAM	<b>Software</b>	
Memory form factor	On-board	Operating system architecture	64-bit
Maximum internal memory *	32 GB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
<b>Storage</b>		Operating system installed *	Windows 11 Home
Total storage capacity *	1 TB	<b>Battery</b>	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	1 TB	Number of battery cells	6
Number of SSDs installed	1	Battery capacity *	96 Wh
SSD capacity	1 TB	<b>Power</b>	
SSD interface	PCI Express 3.0	AC adapter power	150 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	7.5 A
Card reader integrated	✓	AC adapter output voltage	20 V
Compatible memory cards	MicroSD (TransFlash)	<b>Security</b>	
<b>Graphics</b>		Fingerprint reader	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti	Password protection	✓
Discrete graphics card memory	4 GB	Password protection type	BIOS, User
Discrete graphics memory type	GDDR6	<b>Weight &amp; dimensions</b>	
On-board graphics card *	✓	Width	360.5 mm
On-board GPU manufacturer	AMD	Depth	259 mm
		Height	18.9 mm
		Weight *	2 kg



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