



ASUS ProArt StudioBook Pro 16 OLED W5600Q2A-L2142X 5800H Notebook 40.6 cm (16") WQUXGA AMD Ryzen™ 7 16 GB DDR4-SDRAM 512 GB SSD NVIDIA RTX A2000 Wi-Fi 6 (802.11ax) Windows 11 Pro Black

Brand : ASUS

Product family: ProArt StudioBook

Product code: 90NB0V01-M005B0

Product name : W5600Q2A-L2142X



- Windows 11 Pro 64-bit
 - AMD Ryzen 7 5800H (16MB Cache, 3.2GHz)
 - 40.6 cm (16") WQUXGA 3840 x 2400 OLED, NVIDIA RTX A2000 (4GB GDDR6)
 - 16GB DDR4-SDRAM (2 x 8) & 512GB SSD
 AMD Ryzen 7 5800H (16MB Cache, 3.2GHz), 16GB DDR4-SDRAM, 512GB SSD, 40.6 cm (16") WQUXGA 3840 x 2400 OLED, AMD Radeon Graphics, NVIDIA RTX A2000 (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro 64-bit
 ASUS ProArt StudioBook Pro 16 OLED W5600Q2A-L2142X. Product type: Notebook, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 5800H, Processor frequency: 3.2 GHz. Display diagonal: 40.6 cm (16"), HD type: WQUXGA, Display resolution: 3840 x 2400 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 Pro. Product colour: Black



Design		Audio	
Colour name	Star Black	Speakers manufacturer	Harman Kardon
Product type *	Notebook	Built-in microphone	✓
Product colour *	Black	Camera	
Form factor *	Clamshell	Front camera	✓
Display		Front camera HD type	HD
Display diagonal *	40.6 cm (16")	Infrared (IR) camera	✓
Display resolution *	3840 x 2400 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
HD type	WQUXGA	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Panel type	OLED	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Display surface	Gloss	Ethernet LAN	✓
Maximum display brightness (HDR)	550 cd/m ²	Bluetooth	✓
RGB colour space	DCI-P3	Bluetooth version	5.2
Colour gamut	100%	Ports & interfaces	
Maximum refresh rate	60 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Contrast ratio (typical)	1000000:1	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
High Dynamic Range (HDR) supported	✓	Ethernet LAN (RJ-45) ports	1
High Dynamic Range (HDR) technology	HDR True Black 500	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor model *	5800H	Charging port type	DC-in jack
Processor family *	AMD Ryzen™ 7	Power adapter barrel connector	6.0 mm
Processor frequency *	3.2 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	4.4 GHz	USB Power Delivery	✓
Processor cores	8		
Processor cache	16 MB		

Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	DDR4-SDRAM	Numeric keypad *	✓
Memory form factor	SO-DIMM	Keyboard backlit	✓
Memory layout (slots x size)	2 x 8 GB	Software	
Memory slots	2x SO-DIMM	Operating system architecture	64-bit
Maximum internal memory *	64 GB	Operating system installed *	Windows 11 Pro
Storage		Battery	
Total storage capacity *	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	512 GB	Battery capacity *	90 Wh
Number of SSDs installed	1	Power	
SSD capacity	512 GB	AC adapter power	240 W
SSD interface	PCI Express 3.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	12 A
Optical drive type *	✗	AC adapter output voltage	20 V
Card reader integrated	✓	Security	
Compatible memory cards	SD	Fingerprint reader	✓
Graphics		Windows Hello	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA RTX A2000	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Password protection	✓
Discrete graphics card *	✓	Password protection type	BIOS, HDD, User
On-board graphics card model *	AMD Radeon Graphics	Weight & dimensions	
Discrete graphics card memory	4 GB	Width	362 mm
Discrete graphics memory type	GDDR6	Depth	264 mm
Audio		Height (front)	1.99 cm
Audio system	Smart Amp	Height (rear)	2.14 cm
		Weight *	2.4 kg



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