

ASUS ProArt P16 H7607BA-SE030X NVIDIA Grace 20-Core NVIDIA Grace Laptop 40.6 cm (16") Touchscreen WQUXGA 64 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black QWERTY Dutch

Brand : ASUS

Product family: ProArt

Product code: 90NB16A1-M009M0

Product name : H7607BA-SE030X

- Windows 11 Pro 64-bit
- NVIDIA Grace 20-Core
- 16" WQUXGA 3840 x 2400 OLED Touch
- 64GB LPDDR5x-SDRAM & 1000GB SSD

NVIDIA Grace 20-Core, 64GB LPDDR5x-SDRAM, 1000GB SSD, 16" WQUXGA 3840 x 2400 OLED Touch, NVIDIA Blackwell RTX, WLAN, Webcam, Windows 11 Pro 64-bit

ASUS ProArt P16 H7607BA-SE030X NVIDIA Grace 20-Core NVIDIA Grace Laptop 40.6 cm (16") Touchscreen WQUXGA 64 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black QWERTY Dutch:

The first ever creator laptop with NVIDIA RTX Spark™

ProArt P16 is the ultimate on-the-go creative studio. Powered by NVIDIA RTX Spark™, the world's first Windows PCs purpose-built for personal agents, with up to 1 petaflop of AI performance, NVIDIA Blackwell RTX GPU with 6,144 CUDA cores and a 20-core NVIDIA Grace™ CPU. The power-efficient Arm-based processor extends battery life for untethered creativity anytime, anywhere. With up to 128 GB of unified memory and a fast SSD, load times shrink and workflows stay smooth from start to finish.

Design		Network	
Colour name	Nano Black	Mobile network connection *	✗
Product type *	Laptop	Antenna type	2x2
Product colour *	Black	Ethernet LAN	✗
Form factor *	Clamshell	Bluetooth	✓
Housing material	Aluminium	Bluetooth version	5.4
Display back cover material	Aluminium	Ports & interfaces	
Market positioning	Performance	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Certified refurbished	✗	USB4 Gen 3x2 ports quantity	3
Display		HDMI ports quantity *	1
Display diagonal *	40.6 cm (16")	HDMI version	2.1
Display resolution *	3840 x 2400 pixels	Combo headphone/mic port	✓
Touchscreen *	✓	USB Type-C DisplayPort Alternate Mode	✓
HD type	WQUXGA	Performance	
Panel type	OLED	Repairability index	9.5
Display number of colours	1.07 billion colours	Keyboard	
Native aspect ratio	16:10	Pointing device	Touchpad
Display brightness	700 cd/m²	Numeric keypad *	✗
Maximum display brightness (HDR)	1600 cd/m²	Keyboard backlit	✓
RGB colour space	DCI-P3	Keyboard layout	QWERTY
Colour gamut	100%	Keyboard language	Dutch
Display response rise/fall	0.2 ms	Copilot key	✓
Maximum refresh rate	120 Hz	Software	
Contrast ratio (typical)	1000000:1	Operating system architecture	64-bit
High Dynamic Range (HDR) supported	✓	Microsoft Copilot	✓
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Processor			
Processor manufacturer *	NVIDIA		
Processor family *	NVIDIA Grace		



Processor		Software	
Processor model *	20-Core NVIDIA Grace	Operating system installed *	Windows 11 Pro
Platform	NVIDIA RTX Spark Superchip	Bundled software	3-Month Google AI Pro Subscription
Processor cores	20		6-Month GoPro Premium+ Subscription
Neural processor unit (NPU)			3-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2028.
Copilot+ PC	✗		3-Month Goodnotes Essential Subscription
Memory			6-Month Dropbox 500GB Subscription
Internal memory *	64 GB		1-Year ASUS Secure Auto-Backup 200GB Subscription
Internal memory type	LPDDR5x-SDRAM		*Available in eligible markets only. Eligibility varies by region, device, and time. Terms and conditions apply. See promotion pages for details.
Memory form factor	On-board		
Maximum internal memory *	64 GB		
Storage			
Total storage capacity *	1 TB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	1 TB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	99.9 Wh
SSD capacity	1 TB	Power	
SSD interface	PCI Express 4.0	AC adapter power	140 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
M.2 SSD size	2280 (22 x 80 mm)	AC adapter output current	5 A
Optical drive type *	✗	AC adapter output voltage	28 V
Card reader integrated	✓	USB Type-C charging port *	✓
Compatible memory cards	SD	USB Type-C required charging power (min) *	45 W
Graphics		USB Type-C required charging power (max) *	140 W
Discrete graphics card model *	Not available	USB Power Delivery (USB PD)	✓
On-board graphics card *	✓	Security	
On-board GPU manufacturer	NVIDIA	Face recognition	✓
Discrete graphics card *	✗	Windows Hello	✓
On-board graphics card model *	NVIDIA Blackwell RTX	Trusted Platform Module (TPM)	✓
Audio		Trusted Platform Module (TPM) version	2.0
Audio system	Smart Amp	Password protection	✓
Built-in microphone	✓	Password protection type	BIOS, HDD, User
Camera		Certificates	
Front camera	✓	Certification	US MIL-STD 810H military-grade standard
Front camera resolution	1920 x 1080 pixels	Weight & dimensions	
Front camera HD type	Full HD	Width	354.1 mm
Infrared (IR) camera	✓	Depth	243 mm
Network		Height (front)	1.29 cm
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Height (rear)	1.59 cm
Wi-Fi standards	Wi-Fi 7 (802.11be)	Weight *	1.77 kg
		Packaging content	
		AC adapter included *	✗



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Catalog Object Cloud



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