

ASUS H7607BA-SE255X NVIDIA Grace 20-Core NVIDIA Grace Laptop 40.6 cm (16") Touchscreen WQUXGA 48 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro White AZERTY Belgian

Brand : ASUS

Product code: 90NB16A3-M00H70

Product name : H7607BA-SE255X

- Windows 11 Pro 64-bit
 - NVIDIA Grace 20-Core
 - 16" WQUXGA 3840 x 2400 OLED Touch
 - 48GB LPDDR5x-SDRAM & 1000GB SSD
- NVIDIA Grace 20-Core, 48GB LPDDR5x-SDRAM, 1000GB SSD, 16" WQUXGA 3840 x 2400 OLED Touch, NVIDIA Blackwell RTX, WLAN, Webcam, Windows 11 Pro 64-bit

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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		Camera	
Colour name	Neo White	Front camera HD type	Full HD
Product type *	Laptop	Infrared (IR) camera	✓
Product colour *	White	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Housing material	Aluminium	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display back cover material	Aluminium	Mobile network connection *	✗
Market positioning	Performance	Antenna type	2x2
Certified refurbished	✗	Ethernet LAN	✗
Display		Bluetooth	✓
Display diagonal *	40.6 cm (16")	Bluetooth version	5.4
Display resolution *	3840 x 2400 pixels	Ports & interfaces	
Touchscreen *	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
HD type	WQUXGA	USB4 Gen 3x2 ports quantity	3
Panel type	OLED	HDMI ports quantity *	1
Display number of colours	1.07 billion colours	HDMI version	2.1
Native aspect ratio	16:10	Combo headphone/mic port	✓
Display surface	Gloss	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	700 cd/m²	Keyboard	
Maximum display brightness (HDR)	1600 cd/m²	Pointing device	Touchpad
RGB colour space	DCI-P3	Numeric keypad *	✗
Colour gamut	100%	Keyboard backlit	✓
Display response rise/fall	0.2 ms	Keyboard layout	AZERTY
Maximum refresh rate	120 Hz	Keyboard language	Belgian
Contrast ratio (typical)	1000000:1	Copilot key	✓
High Dynamic Range (HDR) supported	✓	Software	
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	Operating system architecture	64-bit
Processor		Microsoft Copilot	✓
Processor manufacturer *	NVIDIA	Operating system installed *	Windows 11 Pro
Processor family *	NVIDIA Grace		
Processor model *	20-Core NVIDIA Grace		

Processor		Battery	
Processor cores	20	Battery technology	Lithium-Ion (Li-Ion)
Neural processor unit (NPU)		Number of battery cells	4
Copilot+ PC	✗	Battery capacity *	99.9 Wh
Memory		Power	
Internal memory *	48 GB	AC adapter power	140 W
Internal memory type	LPDDR5x-SDRAM	AC adapter frequency	50 - 60 Hz
Memory form factor	On-board	AC adapter input voltage	100 - 240 V
Maximum internal memory *	48 GB	AC adapter output current	5 A
Storage		AC adapter output voltage	28 V
Total storage capacity *	1 TB	USB Type-C charging port *	✓
Storage media *	SSD	USB Type-C required charging power (min) *	45 W
Total SSDs capacity	1 TB	USB Type-C required charging power (max) *	140 W
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	1 TB	Security	
SSD interface	PCI Express 4.0	Face recognition	✓
NVMe	✓	Windows Hello	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
M.2 SSD size	2280 (22 x 80 mm)	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Password protection	✓
Card reader integrated	✓	Password protection type	BIOS, HDD, User
Compatible memory cards	SD	Certificates	
Graphics		Certification	US MIL-STD 810H military-grade standard
Discrete graphics card model *	Not available	Weight & dimensions	
On-board graphics card *	✓	Width	354.1 mm
On-board GPU manufacturer	NVIDIA	Depth	243 mm
Discrete graphics card *	✗	Height (front)	1.29 cm
On-board graphics card model *	NVIDIA Blackwell RTX	Height (rear)	1.59 cm
Audio		Weight *	1.77 kg
Audio system	Smart Amp	Packaging content	
Built-in microphone	✓	AC adapter included *	✗
Camera			
Front camera	✓		
Front camera resolution	1920 x 1080 pixels		

Catalog Object Cloud



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