

## Samsung Galaxy Book6 Pro NP960XJGE-EXP Copilot+ PC Intel Core Ultra 7 356H Laptop 40.6 cm (16") Touchscreen WQXGA+ 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Dutch Grey



**Brand :** Samsung

**Product family:** Galaxy Book6 Pro

**Product code:** NP960XJG-KG3NL

**Product name :** NP960XJGE-EXP

Samsung Galaxy Book6 Pro NP960XJGE-EXP. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 356H. Display diagonal: 40.6 cm (16"), HD type: WQXGA+, Display resolution: 2880 x 1800 pixels, Touchscreen. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Home. Product colour: Grey

Design		Graphics	
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Grey	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✗
Housing material	Metal	On-board graphics card family	Intel® Graphics
Introduction year	2026	On-board graphics card model *	Intel® Graphics
Original brand name	Samsung	On-board graphics card cores	4
Display		On-board graphics card 4K support	✓
Display diagonal *	40.6 cm (16")	On-board graphics card 8K support	✓
Display resolution *	2880 x 1800 pixels	Graphics card Open GL support	✓
Touchscreen *	✓	Audio	
HD type	WQXGA+	Audio system	Dolby Atmos
Panel type	AMOLED	Number of built-in speakers	4
Display technology marketing name	Dynamic AMOLED 2X	Built-in microphone	✓
Native aspect ratio	16:10	Number of microphones	2
Anti-reflective coating	✓	Speakers	Quad Speakers
Display glass type	Gorilla Glass	Camera	
Maximum display brightness (HDR)	1000 cd/m <sup>2</sup>	Front camera	✓
Standard Dynamic Range (SDR) brightness	500 cd/m <sup>2</sup>	Front camera resolution (numeric)	2 MP
Display diagonal (metric)	40.6 cm	Network	
Maximum refresh rate	120 Hz	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
High Dynamic Range (HDR) supported	✓	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	Mobile network connection *	✗
Processor		Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel Core Ultra 7	Bluetooth version	5.4
Processor generation	Intel® Core™ Ultra (Series 3)	MIMO	✓
Processor model *	356H	Ports & interfaces	
Processor cores	16	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor threads	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor boost frequency	4.7 GHz	HDMI ports quantity *	1
Performance cores	4	HDMI version	2.1
Efficient cores	8	Thunderbolt 4 ports quantity	2
Low Power Efficient-cores	4	Intel® Thunderbolt 4	✓
Performance-core Max Turbo Frequency	4.7 GHz		
Efficient-core Max Turbo Frequency	3.5 GHz		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Low Power Efficient-core Max Turbo Frequency	3.3 GHz	Combo headphone/mic port	✓
Performance-core base frequency	1.9 GHz	<b>Performance</b>	
Efficient-core base frequency	1.5 GHz	Ambient light sensor	✓
Low Power Efficient-core Base Frequency	1.5 MHz	Hall sensor	✓
Processor cache	18 MB	<b>Keyboard</b>	
Processor cache type	Smart Cache	Keyboard type	Pro keyboard
Processor base power	25 W	Pointing device	Touchpad
Maximum turbo power	80 W	Numeric keypad *	✗
<b>Neural processor unit (NPU)</b>		Keyboard backlit	✓
Copilot+ PC	✓	Keyboard layout	QWERTY
Neural processor unit (NPU)	Intel AI Boost	Keyboard language	Dutch
Sparsity support	✓	Copilot key	✓
Windows Studio effects support	✓	<b>Software</b>	
AI software frameworks supported by NPU	Windows ML, OpenVINO, ONNX RT, WebNN	Operating system installed *	Windows 11 Home
NPU performance up to	50 TOPs	<b>Battery</b>	
<b>Memory</b>		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	32 GB	Battery capacity *	78.07 Wh
Internal memory type	LPDDR5x-SDRAM	Continuous video playback time (max)	30 h
Memory form factor	On-board	Fast charging	✓
Maximum internal memory *	32 GB	<b>Power</b>	
<b>Storage</b>		USB Type-C charging port *	✓
Total storage capacity *	1 TB	USB Type-C required charging power (min) *	60 W
Storage media *	SSD	USB Type-C required charging power (max) *	65 W
Total SSDs capacity	1 TB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	<b>Security</b>	
SSD capacity	1 TB	Fingerprint reader	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	<b>Weight &amp; dimensions</b>	
Optical drive type *	✗	Width	356.9 mm
<b>Graphics</b>		Depth	248 mm
Discrete graphics card model *	Not available	Height	11.9 mm
		Width (imperial)	35.7 cm (14.1")
		Depth (imperial)	24.8 cm (9.76")
		Height (imperial)	1.19 cm (0.47")
		Weight *	1.59 kg
		Weight (imperial)	1.59 kg (3.51 lbs)



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