

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

Brand : Samsung

Product family: Galaxy Book6 Pro

Product code: NP960XJG-KG3DE

Product name : Galaxy Book6 Pro

Samsung Galaxy Book6 Pro . 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: 16 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		Storage	
Product type *	Laptop	NVMe	✓
Product colour *	Grey	SSD form factor	M.2
Form factor *	Clamshell	Optical drive type *	✗
Housing material	Metal	Graphics	
Introduction year	2026	Discrete graphics card model *	Not available
Original brand name	Samsung	On-board graphics card *	✓
Display		On-board GPU manufacturer	Intel
Display diagonal *	40.6 cm (16")	Discrete graphics card *	✗
Display resolution *	2880 x 1800 pixels	On-board graphics card family	Intel® Graphics
Touchscreen *	✓	On-board graphics card model *	Intel® Graphics
HD type	WQXGA+	On-board graphics card cores	4
Panel type	AMOLED	On-board graphics card 4K support	✓
Display technology marketing name	Dynamic AMOLED 2X	On-board graphics card 8K support	✓
Native aspect ratio	16:10	Graphics card Open GL support	✓
Anti-reflective coating	✓	Audio	
Display glass type	Gorilla Glass	Audio system	Dolby Atmos
Maximum display brightness (HDR)	1000 cd/m²	Number of built-in speakers	4
Standard Dynamic Range (SDR) brightness	500 cd/m²	Built-in microphone	✓
Display diagonal (metric)	40.6 cm	Number of microphones	2
Maximum refresh rate	120 Hz	Camera	
High Dynamic Range (HDR) supported	✓	Front camera	✓
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	Front camera resolution (numeric)	2 MP
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor family *	Intel Core Ultra 7	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)	
Processor generation	Intel® Core™ Ultra (Series 3)	Wi-Fi standards	
Processor model *	356H	Mobile network connection *	✗
Processor cores	16	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Processor threads	16	Bluetooth	✓
Processor boost frequency	4.7 GHz		
Performance cores	4		

Processor		Network	
Efficient cores	8	Bluetooth version	5.4
Low Power Efficient-cores	4	MIMO	✓
Performance-core Max Turbo Frequency	4.7 GHz	Ports & interfaces	
Efficient-core Max Turbo Frequency	3.5 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Low Power Efficient-core Max Turbo Frequency	3.3 GHz	HDMI ports quantity *	1
Performance-core base frequency	1.9 GHz	HDMI version	2.1
Efficient-core base frequency	1.5 GHz	Thunderbolt 4 ports quantity	2
Low Power Efficient-core Base Frequency	1500 MHz	Intel® Thunderbolt 4	✓
Processor cache	18 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	Performance	
Processor socket	FCBGA2540	Ambient light sensor	✓
Processor base power	25 W	Hall sensor	✓
Maximum turbo power	80 W	Keyboard	
Neural processor unit (NPU)		Pointing device	Touchpad
Copilot+ PC	✓	Numeric keypad *	✗
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit	✓
Sparsity support	✓	Copilot key	✓
Windows Studio effects support	✓	Software	
AI software frameworks supported by NPU	Windows ML, OpenVINO, DirectML, ONNX RT, WebNN	Operating system installed *	Windows 11 Home
NPU performance up to	50 TOPs	Battery	
Memory		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	16 GB	Battery capacity *	78.07 Wh
Internal memory type	LPDDR5x-SDRAM	Continuous video playback time	30 h
Memory form factor	On-board	Fast charging	✓
Maximum internal memory *	16 GB	Power	
Storage		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	Security	
SSD capacity	1 TB	Fingerprint reader	✓
		Trusted Platform Module (TPM)	✓
		Weight & dimensions	
		Width	356.9 mm
		Depth	248 mm
		Height	11.9 mm
		Weight *	1.59 kg



8806099000257

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.