

Samsung Galaxy Book6 Pro Copilot+ PC Intel Core Ultra 7 356H Laptop 35.6 cm (14") 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: NP940XJG-KG4DE

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: 35.6 cm (14"), 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	SSD capacity	1 TB
Product colour *	Grey	NVMe	✓
Form factor *	Clamshell	SSD form factor	M.2
Housing material	Metal	Optical drive type *	✗
Introduction year	2026	Graphics	
Original brand name	Samsung	Discrete graphics card model *	Not available
Display		On-board graphics card *	✓
Display diagonal *	35.6 cm (14")	On-board GPU manufacturer	Intel
Display resolution *	2880 x 1800 pixels	Discrete graphics card *	✗
Touchscreen *	✓	On-board graphics card family	Intel® Graphics
HD type	WQXGA+	On-board graphics card model *	Intel® Graphics
Panel type	AMOLED	On-board graphics card cores	4
Display technology marketing name	Dynamic AMOLED 2X	On-board graphics card 4K support	✓
Native aspect ratio	16:10	On-board graphics card 8K support	✓
Anti-reflective coating	✓	Graphics card Open GL support	✓
Maximum display brightness (HDR)	1000 cd/m²	Audio	
Standard Dynamic Range (SDR) brightness	500 cd/m²	Audio system	Dolby Atmos
Display diagonal (metric)	35.6 cm	Number of built-in speakers	2
Maximum refresh rate	120 Hz	Built-in microphone	✓
High Dynamic Range (HDR) supported	✓	Number of microphones	2
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	Camera	
Processor		Front camera	✓
Processor manufacturer *	Intel	Front camera resolution (numeric)	2 MP
Processor family *	Intel Core Ultra 7	Network	
Processor generation	Intel® Core™ Ultra (Series 3)	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor model *	356H	802.11a, 802.11b, 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), 802.11g	
Processor cores	16	Wi-Fi standards	
Processor threads	16	Mobile network connection *	✗
Processor boost frequency	4.7 GHz	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Performance cores	4		

Processor		Network	
Efficient cores	8	Bluetooth	✓
Low Power Efficient-cores	4	Bluetooth version	5.4
Performance-core Max Turbo Frequency	4.7 GHz	MIMO	✓
Efficient-core Max Turbo Frequency	3.5 GHz	Ports & interfaces	
Low Power Efficient-core Max Turbo Frequency	3.3 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Performance-core base frequency	1.9 GHz	HDMI ports quantity *	1
Efficient-core base frequency	1.5 GHz	HDMI version	2.1
Low Power Efficient-core Base Frequency	1500 MHz	Thunderbolt 4 ports quantity	2
Processor cache	18 MB	Intel® Thunderbolt 4	✓
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Processor socket	FCBGA2540	Performance	
Processor base power	25 W	Ambient light sensor	✓
Maximum turbo power	80 W	Hall sensor	✓
Neural processor unit (NPU)		Keyboard	
Copilot+ PC	✓	Pointing device	Touchpad
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✗
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓	Copilot key	✓
AI software frameworks supported by NPU	Windows ML, OpenVINO, ONNX RT, DirectML, WebNN	Software	
NPU performance up to	50 TOPs	Operating system installed *	Windows 11 Home
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	LPDDR5x-SDRAM	Battery capacity *	67.18 Wh
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	
		Fingerprint reader	✓
		Trusted Platform Module (TPM)	✓
		Weight & dimensions	
		Width	314.2 mm
		Depth	220.6 mm
		Height	11.6 mm
		Weight *	1.24 kg



8806099000059

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.