

Samsung Galaxy Book6 Ultra Copilot+ PC Intel Core Ultra 7 356H Laptop 40.6 cm (16") Touchscreen WQXGA+ 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5070 Laptop GPU Wi-Fi 7 (802.11be) Windows 11 Home Grey

Brand : Samsung
Product family: Galaxy Book6 Ultra
Product code: NP960UJH-XG4DE
Product name : Galaxy Book6 Ultra

Samsung Galaxy Book6 Ultra . 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		Storage	
Product type *	Laptop	Compatible memory cards	SDXC
Product colour *	Grey	Graphics	
Form factor *	Clamshell	Discrete GPU manufacturer	NVIDIA
Introduction year	2026	Discrete graphics card model *	NVIDIA® GeForce RTX™ 5070 Laptop GPU
Original brand name	Samsung	Discrete graphics card memory	8 GB
Display		Discrete graphics memory type	GDDR7
Display diagonal *	40.6 cm (16")	On-board graphics card *	✓
Display resolution *	2880 x 1800 pixels	On-board GPU manufacturer	Intel
Touchscreen *	✓	Discrete graphics card *	✓
HD type	WQXGA+	On-board graphics card family	Intel® Graphics
Panel type	AMOLED	On-board graphics card model *	Intel® Graphics
Display technology marketing name	Dynamic AMOLED 2X	On-board graphics card cores	4
Native aspect ratio	16:10	On-board graphics card 4K support	✓
Anti-reflective coating	✓	On-board graphics card 8K support	✓
Display glass type	Gorilla Glass	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)	40.6 cm	Number of built-in speakers	6
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	Wi-Fi standards	
Processor cores	16	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 threads	16	Mobile network connection *	
Processor boost frequency	4.7 GHz	✗	
Performance cores	4	Wi-Fi band	
Efficient cores	8	Tri-band (2.4 GHz / 5 GHz / 6 GHz)	

Processor		Network	
Low Power Efficient-cores	4	Bluetooth	✓
Performance-core Max Turbo Frequency	4.7 GHz	Bluetooth version	5.4
Efficient-core Max Turbo Frequency	3.5 GHz	MIMO	✓
Low Power Efficient-core Max Turbo Frequency	3.3 GHz	Ports & interfaces	
Performance-core base frequency	1.9 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Efficient-core base frequency	1.5 GHz	HDMI ports quantity *	1
Low Power Efficient-core Base Frequency	1500 MHz	HDMI version	2.1
Processor cache	18 MB	Thunderbolt 4 ports quantity	2
Processor cache type	Smart Cache	Intel® Thunderbolt 4	✓
Processor socket	FCBGA2540	Combo headphone/mic port	✓
Processor base power	25 W	Performance	
Maximum turbo power	80 W	Ambient light sensor	✓
Neural processor unit (NPU)		Hall sensor	✓
Copilot+ PC	✓	Keyboard	
Neural processor unit (NPU)	Intel AI Boost	Pointing device	Touchpad
Sparsity support	✓	Numeric keypad *	✗
Windows Studio effects support	✓	Keyboard backlit	✓
AI software frameworks supported by NPU	OpenVINO, Windows ML, DirectML, ONNX RT, WebNN	Copilot key	✓
NPU performance up to	50 TOPs	Software	
Memory		Operating system installed *	Windows 11 Home
Internal memory *	32 GB	Battery	
Internal memory type	LPDDR5x-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board	Battery capacity *	80.2 Wh
Maximum internal memory *	32 GB	Continuous video playback time (max)	30 h
Storage		Fast charging	✓
Total storage capacity *	1 TB	Power	
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	1 TB	USB Type-C required charging power (min) *	135 W
Number of SSDs installed	1	USB Type-C required charging power (max) *	140 W
SSD capacity	1 TB	USB Power Delivery (USB PD)	✓
NVMe	✓	Security	
SSD form factor	M.2	Fingerprint reader	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Weight & dimensions	
		Width	356.9 mm
		Depth	248 mm
		Height	15.4 mm
		Weight *	1.89 kg



8806099120474

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. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.