

Samsung Galaxy Book6 Pro (14", Core Ultra 5, 16GB), a Copilot+ PC



Brand : Samsung Product family: Galaxy Book6 Pro Product code: NP940XJG-KG1UK

Product name : Galaxy Book6 Pro (14", Core Ultra 5, 16GB), a Copilot+ PC

- New Intel® Core™ Ultra Series 3 processor.
- Dynamic AMOLED 2X touchscreen.
- Refreshed aluminium design, two-toned keyboard and with Dolby Atmos.
Galaxy Book6 Pro (14", Core Ultra 5, 16GB), a Copilot+ PC
Samsung Galaxy Book6 Pro (14", Core Ultra 5, 16GB), a Copilot+ PC. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5. 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: 256 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Home. Product colour: Grey. Weight: 1.24 kg

Design		Audio	
Product type *	Laptop	Audio system	Smart Amp
Product colour *	Grey	Number of built-in speakers	2
Form factor *	Clamshell	Built-in microphone	✓
Housing material	Metal	Number of microphones	2
Introduction year	2026	Speakers	Stereo Speakers
Original brand name	Samsung	Camera	
Display		Front camera	✓
Display diagonal *	35.6 cm (14")	Front camera resolution (numeric)	2 MP
Display resolution *	2880 x 1800 pixels	Network	
Touchscreen *	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	WQXGA+	Wi-Fi standards	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
Panel type	AMOLED	Mobile network connection *	✗
Display technology marketing name	Dynamic AMOLED 2X	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Native aspect ratio	16:10	Bluetooth	✓
Anti-reflective coating	✓	Bluetooth version	5.4
Maximum display brightness (HDR)	1000 cd/m²	MIMO	✓
Standard Dynamic Range (SDR) brightness	500 cd/m²	Ports & interfaces	
Display diagonal (metric)	35.6 cm	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Maximum refresh rate	120 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	HDMI version	2.1
Processor		Thunderbolt 4 ports quantity	2
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel Core Ultra 5	Combo headphone/mic port	✓
Processor generation	Intel® Core™ Ultra (Series 3)	Performance	
Neural processor unit (NPU)		Ambient light sensor	✓
Copilot+ PC	✓	Hall sensor	✓
NPU performance up to	47 TOPs	Keyboard	
Memory		Keyboard type	Pro keyboard
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	LPDDR5x-SDRAM	Numeric keypad *	✗
Memory form factor	On-board		
Maximum internal memory *	16 GB		

Storage		Keyboard	
Total storage capacity *	256 GB	Keyboard backlit	✓
Storage media *	SSD	Keyboard layout	QWERTY
Total SSDs capacity	256 GB	Keyboard language	English
Number of SSDs installed	1	Copilot key	✓
SSD capacity	256 GB	Software	
NVMe	✓	Operating system installed *	Windows 11 Home
SSD form factor	M.2	Battery	
Optical drive type *	✗	Battery technology	Lithium-Ion (Li-Ion)
Graphics		Battery capacity *	67.18 Wh
Discrete graphics card model *	Not available	Fast charging	✓
On-board graphics card *	✓	Power	
On-board GPU manufacturer	Intel	USB Type-C charging port *	✓
Discrete graphics card *	✗	USB Type-C required charging power (min) *	60 W
On-board graphics card family	Intel® Graphics	USB Type-C required charging power (max) *	65 W
On-board graphics card model *	Intel® Graphics	USB Power Delivery (USB PD)	✓
On-board graphics card cores	4	Security	
On-board graphics card 4K support	✓	Fingerprint reader	✓
On-board graphics card 8K support	✓	Trusted Platform Module (TPM)	✓
Graphics card Open GL support	✓	Weight & dimensions	
		Width	314.2 mm
		Depth	220.6 mm
		Height	11.6 mm
		Width (imperial)	31.4 cm (12.4")
		Depth (imperial)	22.1 cm (8.69")
		Height (imperial)	1.17 cm (0.46")
		Weight *	1.24 kg
		Weight (imperial)	1.24 kg (2.73 lbs)

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