

Samsung Galaxy Book5 Pro (14", Core Ultra 7, 16GB)

Brand : Samsung

Product code: NP940XHA-KG1UK

Product name : Galaxy Book5 Pro (14", Core Ultra 7, 16GB)



- Intel Core Ultra processor
- Copilot+ PC
- 14" Dynamic AMOLED touchscreen
- Up to 31 hours video playback
- Wi-Fi 7

Galaxy Book5 Pro (14", Core Ultra 7, 16GB)

Samsung Galaxy Book5 Pro (14", Core Ultra 7, 16GB). Product type: Laptop, Form factor: Clamshell.

Processor family: Intel Core Ultra 7, Processor model: 256V. 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: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 140V. Operating system installed: Windows 11 Home. Product colour: Grey

Design		Audio	
Product type *	Laptop	Number of microphones	2
Product colour *	Grey	Camera	
Form factor *	Clamshell	Front camera	✓
Display		Front camera resolution (numeric)	2 MP
Display diagonal *	35.6 cm (14")	Front camera resolution	1920 x 1080 pixels
Display resolution *	2880 x 1800 pixels	Front camera HD type	Full HD
Touchscreen *	✓	Network	
HD type	WQXGA+	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Panel type	AMOLED	Mobile network connection *	✗
Display technology marketing name	Dynamic AMOLED 2X	Antenna type	2x2
Native aspect ratio	16:10	Bluetooth	✓
Display brightness	400 cd/m ²	Bluetooth version	5.4
Maximum display brightness (HDR)	500 cd/m ²	Ports & interfaces	
RGB colour space	DCI-P3	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Maximum refresh rate	120 Hz	HDMI ports quantity *	1
High Dynamic Range (HDR) supported	✓	HDMI version	2.1
Processor		Thunderbolt 4 ports quantity	2
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel Core Ultra 7	Combo headphone/mic port	✓
Processor generation	Intel Core Ultra (Series 2)	Performance	
Processor model *	256V	Ambient light sensor	✓
Processor boost frequency	4.8 GHz	Keyboard	
Processor cache	12 MB	Pointing device	Clickpad
Processor cache type	Last Level Cache	Numeric keypad *	✗
Neural processor unit (NPU)		Keyboard backlit	✓
Neural processor unit (NPU)	Intel AI Boost	Software	
Memory		Copilot+ PC	✓
Internal memory *	16 GB		
Internal memory type	LPDDR5x-SDRAM		
Memory form factor	On-board		
Storage			
Total storage capacity *	512 GB		
Storage media *	SSD		
Total SSDs capacity	512 GB		
Number of SSDs installed	1		

Storage		Software	
SSD capacity	512 GB	Pre-installed software	Galaxy Book Experience, Multi Control, Second Screen, Samsung Notes, Samsung Gallery, Quick Share, Samsung Account, Samsung Settings, AI Select, SmartThings, Quick Search, Samsung Device Care, Screen Recorder, Live Wallpaper, Bixby, Samsung Find, Samsung Flow, Samsung Studio, Phone, Galaxy Book Smart Switch, Samsung Pass
NVMe	✓		
Optical drive type *	✗		
Card reader integrated	✓		
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC		
Graphics		Operating system installed *	Windows 11 Home
Discrete graphics card model *	Not available	Battery	
On-board graphics card *	✓	Battery capacity *	63.1 Wh
On-board GPU manufacturer	Intel	Battery life (max)	21 h
Discrete graphics card *	✗	Power	
On-board graphics card family	Intel Arc Graphics	AC adapter power	65 W
On-board graphics card model *	Intel Arc Graphics 140V	AC adapter frequency	50 - 60 Hz
On-board graphics card memory	8 GB	AC adapter input voltage	100 - 240 V
Audio		USB Type-C charging port *	✓
Audio system	Dolby Atmos	Security	
Number of built-in speakers	4	Fingerprint reader	✓
Built-in microphone	✓	Trusted Platform Module (TPM)	✓
		Operational conditions	
		Operating temperature (T-T)	10 - 35 °C
		Storage temperature (T-T)	-5 - 40 °C
		Operating relative humidity (H-H)	20 - 80%
		Storage relative humidity (H-H)	5 - 90%
		Weight & dimensions	
		Width	312.3 mm
		Depth	223.8 mm
		Height	11.6 mm
		Weight *	1.23 kg
		Packaging content	
		AC adapter included *	✓
		Cables included	USB Type-C

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Publication date: 04-AUG-2025. Prints or copies of Information are only valid on the printed Publication date