

Samsung Galaxy Book5 Pro (16", Core Ultra 7, 32GB)

Brand : SamsungProduct code: NP964XHA-KG1UK

Product name : Galaxy Book5 Pro (16", Core Ultra 7, 32GB)

16 WQXGA+ AMOLED (2880 x 1800), Intel Core Ultra Processor 258V, Intel Arc 140V GPU, Intel AI Boost, 32 GB LPDDR5X, 512 GB NVMe SSD, 2MP Camera, Bluetooth 5.4, Wi-Fi 7, 1 x HDMI, 2 x Thunderbolt 4, 1 x USB 3.2, MicroSD, 1.56 kg, Windows 11 Pro
Samsung Galaxy Book5 Pro (16", Core Ultra 7, 32GB). Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 258V. 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: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 140V. Operating system installed: Windows 11 Pro. 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 *	40.6 cm (16")	Front camera resolution	1920 x 1080 pixels
Display resolution *	2880 x 1800 pixels	Network	
Touchscreen *	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	WQXGA+	Mobile network connection *	✗
Panel type	AMOLED	Antenna type	2x2
Native aspect ratio	16:10	Bluetooth	✓
Anti-reflective coating	✓	Bluetooth version	5.4
Display brightness	400 cd/m²	Ports & interfaces	
Maximum display brightness (HDR)	500 cd/m²	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
RGB colour space	DCI-P3	HDMI ports quantity *	1
Maximum refresh rate	120 Hz	HDMI version	2.1
High Dynamic Range (HDR) supported	✓	Thunderbolt 4 ports quantity	2
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 500	Intel® Thunderbolt 4	✓
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	Performance	
Processor family *	Intel Core Ultra 7	Ambient light sensor	✓
Processor generation	Intel Core Ultra (Series 2)	Keyboard	
Processor model *	258V	Pointing device	Clickpad
Processor boost frequency	4.8 GHz	Numeric keypad *	✓
Processor cache	12 MB	Keyboard backlit	✓
Processor cache type	Last Level Cache		
Neural processor unit (NPU)			
Neural processor unit (NPU)	Intel AI Boost		
Memory			
Internal memory *	32 GB		
Internal memory type	LPDDR5x-SDRAM		
Memory form factor	On-board		

Storage		Software	
Total storage 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
Storage media *	SSD		
Total SSDs capacity	512 GB		
Number of SSDs installed	1		
SSD capacity	512 GB		
NVMe	✓		
Optical drive type *	✗		
Card reader integrated	✓	Operating system installed *	Windows 11 Pro
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC		
Graphics		Battery	
Discrete graphics card model *	Not available	Battery capacity *	76.1 Wh
On-board graphics card *	✓	Battery life (max)	21 h
Discrete graphics card *	✗	Power	
On-board graphics card model *	Intel Arc Graphics 140V	AC adapter power	65 W
On-board graphics card memory	16 GB	AC adapter frequency	50 - 60 Hz
Audio		AC adapter input voltage	100 - 240 V
Audio system	Dolby Atmos	USB Type-C charging port *	✓
Number of built-in speakers	4	Security	
Built-in microphone	✓	Fingerprint reader	✓
		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	355.4 mm
		Depth	250.4 mm
		Height	12.5 mm
		Weight *	1.56 kg
		Packaging content	
		AC adapter included *	✗



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