

Samsung Galaxy Book4 Pro Intel Core Ultra 5 125H Laptop 35,6 cm (14") Touchscreen WQXGA+ 16 GB LPDDR5x-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : Samsung Product family: Galaxy Book4 Pro Article code: NP944XGK-KG2FR

Product name : Galaxy Book4 Pro

Samsung Galaxy Book4 Pro . Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 125H. 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 Arc Graphics. Operating system installed: Windows 11 Pro. Product color: Grey



Design		Storage	
Product type *	Laptop	Optical drive type *	✗
Product colour *	Grey	Card reader integrated	✓
Form factor *	Clamshell	Compatible memory cards	MicroSD (TransFlash)
Original brand name	Samsung		
Display		Graphics	
Display diagonal *	35.6 cm (14")	Discrete graphics card model *	Not available
Display resolution *	2880 x 1800 pixels	On-board graphics card *	✓
Touchscreen *	✓	On-board GPU manufacturer	Intel
HD type	WQXGA+	Discrete graphics card *	✗
Panel type	AMOLED	On-board graphics card family	Intel Arc Graphics
Display technology marketing name	Dynamic AMOLED 2X	On-board graphics card model *	Intel Arc Graphics
Anti-glare screen	✓	On-board graphics card 4K support	✓
Display glass type	Gorilla Glass	On-board graphics card 6K support	✓
Display diagonal (metric)	35.6 cm	Graphics card Open GL support	✓
RGB colour space	DCI-P3		
Colour gamut	120%	Audio	
Maximum refresh rate	120 Hz	Audio system	Dolby Atmos
Processor		Number of built-in speakers	4
Processor manufacturer *	Intel	Speakers manufacturer	AKG
Processor family *	Intel Core Ultra 5	Speaker power	2 W
Processor generation	Intel® Core™ Ultra (Series 1)	Built-in subwoofer	✓
Processor model *	125H	Built-in microphone	✓
Processor cores	14	Number of microphones	2
Processor threads	18		
Processor boost frequency	4.5 GHz	Camera	
Performance cores	4	Front camera	✓
Efficient cores	8	Front camera resolution (numeric)	2 MP
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	4.5 GHz	Network	
Efficient-core Max Turbo Frequency	3.6 GHz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Mobile network connection *	✗
Performance-core base frequency	1.2 GHz	Antenna type	2x2
Efficient-core base frequency	0.7 GHz	Bluetooth	✓
		Bluetooth version	5.3

Processor		Ports & interfaces	
Low Power Efficient-core Base Frequency	700 MHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor cache	18 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	HDMI version	2.1
Processor base power	28 W	Thunderbolt 4 ports quantity	2
Maximum turbo power	115 W	Intel® Thunderbolt 4	✓
Neural processor unit (NPU)		Headphone outputs	1
Neural processor unit (NPU)	Intel AI Boost	Combo headphone/mic port	✓
Maximum frequency NPU	1.4 GHz	Performance	
Sparsity support	✓	Ambient light sensor	✓
Windows Studio effects support	✓	Keyboard	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Pointing device	Clickpad
Memory		Numeric keypad *	✗
Internal memory *	16 GB	Keyboard backlit	✓
Internal memory type	LPDDR5x-SDRAM	Software	
Memory form factor	On-board	Operating system installed *	Windows 11 Pro
Maximum internal memory *	16 GB	Battery	
Storage		Battery capacity *	63 Wh
Total storage capacity *	256 GB	Power	
Storage media *	SSD	AC adapter power	65 W
Total SSDs capacity	256 GB	Security	
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	256 GB	Trusted Platform Module (TPM)	✓
NVMe	✓	Weight & dimensions	
		Width	312.3 mm
		Depth	223.8 mm
		Height	11.6 mm
		Weight *	1.23 kg



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