

Samsung Galaxy Book4 Pro NP944XGK-KG1FR laptop Intel Core Ultra 7 155H 35,6 cm (14") Touchscreen WQXGA+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : Samsung Product family: Galaxy Book4 Pro Article code: NP944XGK-KG1FR

Product name : NP944XGK-KG1FR



Samsung Galaxy Book4 Pro NP944XGK-KG1FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. 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. Operating system installed: Windows 11 Pro. Product color: Grey

Design		Storage	
Product type *	Laptop	NVMe	✓
Product colour *	Grey	Optical drive type *	✗
Form factor *	Clamshell	Card reader integrated	✓
Display		Compatible memory cards	MicroSD (TransFlash)
Display diagonal *	35.6 cm (14")	Graphics	
Display resolution *	2880 x 1800 pixels	Discrete graphics card model *	Not available
Touchscreen *	✓	On-board graphics card *	✓
HD type	WQXGA+	On-board GPU manufacturer	Intel
Panel type	AMOLED	Discrete graphics card *	✗
Processor		On-board graphics card family	Intel Arc Graphics
Processor manufacturer *	Intel	On-board graphics card model *	Intel Arc Graphics
Processor family *	Intel Core Ultra 7	Audio	
Processor generation	Intel® Core™ Ultra (Series 1)	Audio system	Dolby Atmos
Processor model *	155H	Number of built-in speakers	4
Processor cores	16	Built-in microphone	✓
Processor threads	22	Number of microphones	2
Processor boost frequency	4.8 GHz	Camera	
Performance cores	6	Front camera	✓
Efficient cores	8	Front camera resolution (numeric)	2 MP
Low Power Efficient-cores	2	Network	
Performance-core Max Turbo Frequency	4.8 GHz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Efficient-core Max Turbo Frequency	3.8 GHz	Mobile network connection *	✗
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Bluetooth	✓
Performance-core base frequency	1.4 GHz	Bluetooth version	5.3
Efficient-core base frequency	0.9 GHz	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	24 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	HDMI version	2.1a
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	Microphone in	✓
Maximum frequency NPU	1.4 GHz	Keyboard	
Sparsity support	✓	Pointing device	Clickpad
Windows Studio effects support	✓	Numeric keypad *	✗
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Keyboard backlit	✓

Memory		Software	
Internal memory *	16 GB	Operating system installed *	Windows 11 Pro
Internal memory type	LPDDR5x-SDRAM	Battery	
Memory form factor	On-board	Battery capacity *	63 Wh
Maximum internal memory *	16 GB	Power	
Storage		AC adapter power	65 W
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Fingerprint reader	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Weight & dimensions	
		Width	312.3 mm
		Depth	223.8 mm
		Height	11.6 mm
		Weight *	1.26 kg



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