

Samsung Galaxy Book4 Pro NP964XGK-KG1UK laptop Intel Core Ultra 7 155H 40.6 cm (16") 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 Product code: NP964XGK-KG1UK

Product name : NP964XGK-KG1UK

- Windows 11 Pro
- Intel Core Ultra 7 155H
- 40.6 cm (16") WQXGA+ 2880 x 1800 AMOLED Touch
- 16GB LPDDR5x-SDRAM & 512GB SSD

Intel Core Ultra 7 155H, 16GB LPDDR5x-SDRAM, 512GB SSD, 40.6 cm (16") WQXGA+ 2880 x 1800 AMOLED Touch, Intel Arc Graphics, Webcam, Windows 11 Pro

Samsung Galaxy Book4 Pro NP964XGK-KG1UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 40.6 cm (16"), 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 colour: Grey



Design		Storage	
Colour name	Moonstone Gray	Total SSDs capacity	512 GB
Product type *	Laptop	Number of SSDs installed	1
Product colour *	Grey	SSD capacity	512 GB
Form factor *	Clamshell	NVMe	✓
Display		Optical drive type *	✗
Display diagonal *	40.6 cm (16")	Card reader integrated	✓
Display resolution *	2880 x 1800 pixels	Compatible memory cards	MicroSD (TransFlash)
Touchscreen *	✓	Graphics	
HD type	WQXGA+	Discrete graphics card model *	Not available
Panel type	AMOLED	On-board graphics card *	✓
Display technology marketing name	Dynamic AMOLED 2X	On-board GPU manufacturer	Intel
Processor		Discrete graphics card *	✗
Processor manufacturer *	Intel	On-board graphics card family	Intel Arc Graphics
Processor family *	Intel Core Ultra 7	On-board graphics card model *	Intel Arc Graphics
Processor generation	Intel® Core™ Ultra (Series 1)	Audio	
Processor model *	155H	Audio system	Dolby Atmos
Processor cores	16	Number of built-in speakers	4
Processor threads	22	Built-in microphone	✓
Processor boost frequency	4.8 GHz	Number of microphones	2
Performance cores	6	Camera	
Efficient cores	8	Front camera	✓
Low Power Efficient-cores	2	Front camera resolution (numeric)	2 MP
Performance-core Max Turbo Frequency	4.8 GHz	Network	
Efficient-core Max Turbo Frequency	3.8 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	1.4 GHz	Bluetooth	✓
Efficient-core base frequency	0.9 GHz	Bluetooth version	5.3
Low Power Efficient-core Base Frequency	700 MHz	Ports & interfaces	
Processor cache	24 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor cache type	Smart Cache	HDMI ports quantity *	1
Processor base power	28 W	HDMI version	2.1a
Maximum turbo power	115 W		

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Maximum frequency NPU	1.4 GHz
Sparsity support	✓
Windows Studio effects support	✓
AI datatype support on NPU	FP16, FP32, Int8
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML
Memory	
Internal memory *	16 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board
Maximum internal memory *	16 GB
Storage	
Total storage capacity *	512 GB
Storage media *	SSD

Ports & interfaces	
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✓
Headphone outputs	1
Microphone in	✓
Keyboard	
Pointing device	Clickpad
Numeric keypad *	✓
Keyboard backlit	✓
Software	
Operating system installed *	Windows 11 Pro
Battery	
Battery capacity *	76 Wh
Power	
AC adapter power	65 W
Security	
Fingerprint reader	✓
Trusted Platform Module (TPM)	✓
Weight & dimensions	
Width	355.4 mm
Depth	250.4 mm
Height	12.5 mm
Weight *	1.56 kg



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