

Samsung Galaxy Book4 Pro Intel Core Ultra 7 155H Laptop 40.6 cm (16") Touchscreen WQXGA+ 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Platinum, Silver

Brand : Samsung Product family: Galaxy Book4 Pro Product code: NP964XGK-KS1DE

Product name : Galaxy Book4 Pro

Samsung Galaxy Book4 Pro . 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: 32 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: Platinum, Silver



Design		Graphics	
Colour name	Platinum Silver	Discrete graphics card model *	Not available
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Platinum, Silver	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✗
Original brand name	Samsung	On-board graphics card family	Intel Arc Graphics
Display		On-board graphics card model *	Intel Arc Graphics
Display diagonal *	40.6 cm (16")	On-board graphics card 4K support	✓
Display resolution *	2880 x 1800 pixels	On-board graphics card 6K support	✓
Touchscreen *	✓	Graphics card Open GL support	✓
HD type	WQXGA+	Audio	
Panel type	AMOLED	Audio system	Dolby Atmos
Display technology marketing name	Dynamic AMOLED 2X	Number of built-in speakers	4
Anti-glare screen	✓	Speakers manufacturer	AKG
Display glass type	Gorilla Glass	Speaker power	2 W
Display diagonal (metric)	40.6 cm	Built-in subwoofer	✓
RGB colour space	DCI-P3	Built-in microphone	✓
Colour gamut	120%	Number of microphones	2
Maximum refresh rate	120 Hz	Camera	
Processor		Front camera	✓
Processor manufacturer *	Intel	Front camera resolution (numeric)	2 MP
Processor family *	Intel Core Ultra 7	Front camera resolution	1920 x 1080 pixels
Processor generation	Intel® Core™ Ultra (Series 1)	Front camera HD type	Full HD
Processor model *	155H	Network	
Processor cores	16	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor boost frequency	4.8 GHz	Mobile network connection *	✗
Performance cores	6	Antenna type	2x2
Efficient cores	8	Bluetooth	✓
Performance-core Max Turbo Frequency	4.8 GHz	Bluetooth version	5.3
Efficient-core Max Turbo Frequency	3.8 GHz	Ports & interfaces	
Efficient-core base frequency	0.9 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Performance-core boost frequency	1.4 GHz	HDMI ports quantity *	1
Processor cache	24 MB	HDMI version	2.1
Processor cache type	Smart Cache		
Processor base power	28 W		

Processor		Ports & interfaces	
Maximum turbo power	115 W	Thunderbolt 4 ports quantity	2
Neural processor unit (NPU)		Intel® Thunderbolt 4	✓
Neural processor unit (NPU)	Intel AI Boost	Headphone outputs	1
Maximum frequency NPU	1.4 GHz	Combo headphone/mic port	✓
Sparsity support	✓	Performance	
Windows Studio effects support	✓	Ambient light sensor	✓
AI datatype support on NPU	FP16, FP32, Int8	Keyboard	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Pointing device	Touchpad
Memory		Numeric keypad *	✓
Internal memory *	32 GB	Keyboard backlit	✓
Internal memory type	LPDDR5x-SDRAM	Software	
Memory form factor	On-board	Operating system installed *	Windows 11 Pro
Maximum internal memory *	32 GB	Battery	
Storage		Battery capacity *	76 Wh
Total storage capacity *	512 GB	Power	
Storage media *	SSD	AC adapter power	65 W
Total SSDs capacity	512 GB	Security	
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	512 GB	Trusted Platform Module (TPM)	✓
NVMe	✓	Weight & dimensions	
Optical drive type *	✗	Width	355.4 mm
Card reader integrated	✓	Depth	250.4 mm
Compatible memory cards	MicroSD (TransFlash)	Height	12.5 mm
		Weight *	1.56 kg



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