

Samsung Galaxy Book4 Pro Business 14" Core Ultra 7 16GB 512GB Win 11 Pro



Brand : Samsung

Product code: NP944XGK-KG2UK

Product name : Galaxy Book4 Pro Business 14" Core Ultra 7 16GB 512GB Win 11 Pro

- Windows 11 Pro
 - Intel Core Ultra 7 155H (24MB Cache)
 - 35.6 cm (14") WQXGA+ 2880 x 1800 AMOLED Touch
 - 16GB LPDDR5x-SDRAM & 512GB SSD
- Intel Core Ultra 7 155H (24MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 35.6 cm (14") WQXGA+ 2880 x 1800 AMOLED Touch, Intel Arc Graphics, WLAN, Webcam, Windows 11 Pro
- Samsung Galaxy Book4 Pro Business 14" Core Ultra 7 16GB 512GB Win 11 Pro. 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 colour: Grey

Design		Storage	
Colour name	Moonstone Grey	Total storage capacity *	512 GB
Product type *	Laptop	Storage media *	SSD
Product colour *	Grey	Total SSDs capacity	512 GB
Form factor *	Clamshell	Number of SSDs installed	1
Housing material	Aluminium	SSD capacity	512 GB
Market positioning	Business	NVMe	✓
Introduction year	2024	Optical drive type *	✗
Country of origin	Vietnam		
Display		Graphics	
Touchscreen type	Capacitive	Discrete graphics card model *	Not available
Display diagonal *	35.6 cm (14")	On-board graphics card *	✓
Display resolution *	2880 x 1800 pixels	On-board GPU manufacturer	Intel
Touchscreen *	✓	Discrete graphics card *	✗
HD type	WQXGA+	On-board graphics card family	Intel Arc Graphics
Panel type	AMOLED	On-board graphics card model *	Intel Arc Graphics
Display technology marketing name	Dynamic AMOLED 2X		
Native aspect ratio	16:10	Audio	
Processor		Number of built-in speakers	4
Processor manufacturer *	Intel	Speakers manufacturer	AKG
Processor family *	Intel Core Ultra 7	Number of microphones	2
Processor generation	Intel Core Ultra (Series 1)	Camera	
Processor model *	155H	Front camera	✓
Processor cores	16	Front camera resolution (numeric)	2 MP
Processor threads	22	Front camera resolution	1920 x 1080 pixels
Processor boost frequency	4.8 GHz	Front camera HD type	Full HD
Performance cores	6	Infrared (IR) camera	✗
Efficient cores	8	Network	
Low Power Efficient-cores	2	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Performance-core Max Turbo Frequency	4.8 GHz	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), 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	Antenna type	2x2
Performance-core base frequency	1.4 GHz	WLAN controller manufacturer	Intel
Efficient-core base frequency	0.9 GHz		

Processor		Ports & interfaces	
Low Power Efficient-core Base Frequency	700 MHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Performance-core boost frequency	4.8 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Efficient-core boost frequency	3.8 GHz	HDMI ports quantity *	1
Processor cache	24 MB	HDMI version	1.4
Processor cache type	Smart Cache	Thunderbolt 4 ports quantity	2
Processor base power	28 W	Intel® Thunderbolt 4	✓
Maximum turbo power	115 W	Headphone outputs	1
Neural processor unit (NPU)		Microphone in	✓
Neural processor unit (NPU)	Intel AI Boost	Combo headphone/mic port	✓
Maximum frequency NPU	1.4 GHz	Charging port type	USB Type-C
Sparsity support	✓	Keyboard	
Windows Studio effects support	✓	Pointing device	Touchpad
AI datatype support on NPU	FP16, FP32, Int8	Keyboard layout	QWERTY
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Numeric keypad *	✗
Memory		Keyboard backlit	✓
Internal memory *	16 GB	Keyboard backlit colour	White
Internal memory type	LPDDR5x-SDRAM	Software	
Memory form factor	On-board	Operating system installed *	Windows 11 Pro
Maximum internal memory *	16 GB	Battery	
		Battery capacity *	63 Wh
		Power	
		AC adapter power	65 W
		Weight & dimensions	
		Width	312.3 mm
		Depth	223.8 mm
		Height	11.6 mm
		Weight *	1.23 kg



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