



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

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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	SSD capacity	512 GB
Product type *	Laptop	NVMe	✓
Product colour *	Grey	Optical drive type *	✗
Form factor *	Clamshell	Card reader integrated	✓
Housing material	Aluminium	Compatible memory cards	MicroSD (TransFlash)
Market positioning	Business	Graphics	
Introduction year	2024	Discrete graphics card model *	Not available
Country of origin	Vietnam	On-board graphics card *	✓
Display		On-board GPU manufacturer	Intel
Touchscreen type	Capacitive	Discrete graphics card *	✗
Display diagonal *	35.6 cm (14")	On-board graphics card family	Intel Arc Graphics
Display resolution *	2880 x 1800 pixels	On-board graphics card model *	Intel Arc Graphics
Touchscreen *	✓	Audio	
HD type	WQXGA+	Audio system	Dolby Atmos
Panel type	AMOLED	Number of built-in speakers	4
Display technology marketing name	Dynamic AMOLED 2X	Speakers manufacturer	AKG
Native aspect ratio	16:10	Built-in subwoofer	✓
Processor		Built-in microphone	✓
Processor manufacturer *	Intel	Number of microphones	2
Processor family *	Intel Core Ultra 7	Camera	
Processor generation	Intel® Core™ Ultra (Series 1)	Front camera	✓
Processor model *	155H	Front camera resolution (numeric)	2 MP
Processor cores	16	Front camera resolution	1920 x 1080 pixels
Processor threads	22	Front camera HD type	Full HD
Processor boost frequency	4.8 GHz	Infrared (IR) camera	✗
Performance cores	6	Network	
Efficient cores	8	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Low Power Efficient-cores	2	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)
Performance-core Max Turbo Frequency	4.8 GHz	Mobile network connection *	✗
Efficient-core Max Turbo Frequency	3.8 GHz	Antenna type	2x2
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	WLAN controller manufacturer	Intel
Performance-core base frequency	1.4 GHz	Bluetooth	✓
Efficient-core base frequency	0.9 GHz		

Processor		Network	
Low Power Efficient-core Base Frequency	700 MHz	Bluetooth version	5.3
Performance-core boost frequency	4.8 GHz	Ports & interfaces	
Efficient-core boost frequency	3.8 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor cache	24 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	HDMI version	1.4
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	Combo headphone/mic port	✓
Sparsity support	✓	Charging port type	USB Type-C
Windows Studio effects support	✓	Performance	
AI datatype support on NPU	FP16, FP32, Int8	Ambient light sensor	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Keyboard	
Memory		Pointing device	Clickpad
Internal memory *	16 GB	Numeric keypad *	✗
Internal memory type	LPDDR5x-SDRAM	Keyboard backlit	✓
Memory form factor	On-board	Keyboard backlit colour	White
Maximum internal memory *	16 GB	Software	
Storage		Operating system installed *	Windows 11 Pro
Total storage capacity *	512 GB	Battery	
Storage media *	SSD	Battery capacity *	63 Wh
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1	AC adapter power	65 W
		Security	
		Fingerprint reader	✓
		Trusted Platform Module (TPM)	✓
		Weight & dimensions	
		Width	312.3 mm
		Depth	223.8 mm
		Height	11.6 mm
		Weight *	1.23 kg



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Publication date: 29-OCT-2024. Prints or copies of Information are only valid on the printed Publication date