SAMSUNG

Samsung Galaxy Book4 Pro Business 14" Core Ultra 7 32GB 512GB Win 11 Pro

Brand : Samsung

Product code: NP944XGK-KG1UK

Product name : Galaxy Book4 Pro Business 14" Core Ultra 7 32GB 512GB Win 11 Pro

- Windows 11 Pro
- Sleek, slim and portable
- Next-level performance with an intelligent Intel® Core™ Ultra processor
- Super smooth and vibrant Dynamic AMOLED 2X touchscreen

Galaxy Book4 Pro (14", Core Ultra 7, 32GB)
Samsung Galaxy Book4 Pro Business 14" Core Ultra 7 32GB 512GB Win 11 Pro. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H, Processor frequency: 1.4 GHz. Display diagonal: 35.6 cm (14"), 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: Grey

Design

Colour name	Moonstone Grey
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell
Housing material	Aluminium
Market positioning	Business
Introduction year	2024
Introduction month	February
Country of origin	Vietnam

Display

Touchscreen type	Capacitive
Display diagonal *	35.6 cm (14")
Display resolution *	2880 x 1800 pixels
Touchscreen *	✔
Panel type	AMOLED
Display technology marketing name	Dynamic AMOLED 2X
Native aspect ratio	16:10

Processor

Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor model *	155H
Processor cores	16
Processor boost frequency	4.8 GHz
Processor frequency *	1.4 GHz
Performance cores	6
Efficient cores	8
Performance-core Max Turbo Frequency	4.8 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Performance-core base frequency	1.4 GHz
Performance-core boost frequency	4.8 GHz
Efficient-core boost frequency	3.8 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Processor base power	28 W

Memory

Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board
Maximum internal memory *	32 GB

Storage

Total storage capacity *	512 GB
Storage media *	SSD

Graphics

On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✖
On-board graphics card model *	Intel Arc Graphics

Audio

Number of built-in speakers	4
Speakers manufacturer	AKG
Number of microphones	2

Camera

Front camera	✔
Front camera resolution (numeric)	2 MP
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Infrared (IR) camera	✖

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
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)
Mobile network connection *	✖
Antenna type	2x2
WLAN controller manufacturer	Intel

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2

Processor

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 *	32 GB

Ports & interfaces

HDMI ports quantity *	1
HDMI version	1.4
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Headphone outputs	1
Microphone in	✔
Combo headphone/mic port	✔
Charging port type	USB Type-C

Keyboard

Pointing device	Touchpad
Keyboard layout	QWERTY
Numeric keypad *	✘
Keyboard backlit	✔
Keyboard backlit colour	White

Software

Operating system installed *	Windows 11 Pro

Power

AC adapter power	65 W

Weight & dimensions

Weight *	1.26 kg

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