SAMSUNG

Samsung Galaxy Book4 Ultra Intel Core Ultra 7 155H Computer portatile 40,6 cm (16") Touch screen WQXGA+ 16 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Pro Grigio

Marchio : Samsung

Famiglia del prodotto: Galaxy Book4 Ultra

Codice prodotto: NP964XGL-XG3IT

Nome del prodotto : Galaxy Book4 Ultra

16" 2880 x 1800 WQXGA+, Intel Core Ultra 7 155H, 16 GB LPDDR5X-SDRAM, 1 TB SSD, NVIDIA GeForce RTX 4050, Intel Arc Graphics, WLAN 802.11, WebCam, Windows 11 Pro
Samsung Galaxy Book4 Ultra . Tipo di prodotto: Computer portatile, Fattore di forma: Clamshell. Famiglia processore: Intel Core Ultra 7, Modello del processore: 155H. Dimensioni diagonale schermo: 40,6 cm (16"), Tipologia HD: WQXGA+, Risoluzione del display: 2880 x 1800 Pixel, Touch screen. RAM installata: 16 GB, Tipo di RAM: LPDDR5x-SDRAM. Capacità totale di archiviazione: 1 TB, Supporto di memoria: SSD. Modello scheda grafica integrata: Intel Arc Graphics. Sistema operativo incluso: Windows 11 Pro. Colore del prodotto: Grigio

Design

Colour name	Moonstone Gray
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell
Original brand name	Samsung

Display

Display diagonal *	40.6 cm (16")
Display resolution *	2880 x 1800 pixels
Touchscreen *	✔
HD type	WQXGA+
Panel type	AMOLED
Display technology marketing name	Dynamic AMOLED 2X
Native aspect ratio	16:10
Display brightness	400 cd/m²
Maximum display brightness (HDR)	500 cd/m²
Display diagonal (metric)	40.6 cm
RGB colour space	DCI-P3
Colour gamut	120%
Maximum refresh rate	120 Hz

Processor

Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel® Core™ Ultra (Series 1)
Processor model *	155H
Processor cores	16
Processor boost frequency	4.8 GHz
Performance cores	6
Efficient cores	8

Graphics

Discrete graphics card *	✔
On-board graphics card family	Intel Arc Graphics
On-board graphics card model *	Intel Arc Graphics
On-board graphics card 4K support	✔
On-board graphics card 6K support	✔
Graphics card Open GL support	✔

Audio

Number of built-in speakers	4
Speakers manufacturer	AKG
Speaker power	5 W
Built-in subwoofer	✔
Built-in microphone	✔
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
Video capturing speed	60 fps

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 model	Intel Wi-Fi 6E AX211

Processor

Performance-core Max Turbo Frequency	4.8 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Efficient-core base frequency	0.9 GHz
Performance-core boost frequency	1.4 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Processor base power	28 W
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 clock speed	7467 MHz
Memory form factor	On-board
Maximum internal memory *	16 GB

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4050
Discrete graphics card memory	6 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	Intel

Network

WLAN controller manufacturer	Intel
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Headphone outputs	1
Combo headphone/mic port	✔

Performance

Ambient light sensor	✔
Hall sensor	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔

Software

Operating system installed *	Windows 11 Pro

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity	4900 mAh
Battery capacity *	76 Wh
Battery voltage	15.52 V
Continuous video playback time	21 h
Browsing time (Wi-Fi)	1.3 h

Power

AC adapter power	140 W

Security

Fingerprint reader	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Weight & dimensions

Width	355.4 mm
Depth	250.4 mm
Height	16.5 mm
Weight *	1.86 kg

Packaging data

Package width	494 mm
Package depth	294.9 mm
Package height	45.5 mm

Packaging content

Cables included	USB Type-C

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