

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		Graphics	
Colour name	Moonstone Gray	Discrete graphics card *	✓
Product type *	Laptop	On-board graphics card family	Intel Arc Graphics
Product colour *	Grey	On-board graphics card model *	Intel Arc Graphics
Form factor *	Clamshell	On-board graphics card 4K support	✓
Original brand name	Samsung	On-board graphics card 6K support	✓
Display		Graphics card Open GL support	✓
Display diagonal *	40.6 cm (16")	Audio	
Display resolution *	2880 x 1800 pixels	Number of built-in speakers	4
Touchscreen *	✓	Speakers manufacturer	AKG
HD type	WQXGA+	Speaker power	5 W
Panel type	AMOLED	Built-in subwoofer	✓
Display technology marketing name	Dynamic AMOLED 2X	Built-in microphone	✓
Native aspect ratio	16:10	Number of microphones	2
Display brightness	400 cd/m²	Camera	
Maximum display brightness (HDR)	500 cd/m²	Front camera	✓
Display diagonal (metric)	40.6 cm	Front camera resolution (numeric)	2 MP
RGB colour space	DCI-P3	Front camera resolution	1920 x 1080 pixels
Colour gamut	120%	Front camera HD type	Full HD
Maximum refresh rate	120 Hz	Video capturing speed	60 fps
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor family *	Intel Core Ultra 7	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)
Processor generation	Intel® Core™ Ultra (Series 1)		
Processor model *	155H	Mobile network connection *	✗
Processor cores	16	Antenna type	2x2
Processor boost frequency	4.8 GHz	WLAN controller model	Intel Wi-Fi 6E AX211
Performance cores	6		
Efficient cores	8		

Processor		Network	
Performance-core Max Turbo Frequency	4.8 GHz	WLAN controller manufacturer	Intel
Efficient-core Max Turbo Frequency	3.8 GHz	Bluetooth	✓
Efficient-core base frequency	0.9 GHz	Bluetooth version	5.3
Performance-core boost frequency	1.4 GHz	Ports & interfaces	
Processor cache	24 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor cache type	Smart Cache	HDMI ports quantity *	1
Processor base power	28 W	HDMI version	2.1
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	Hall sensor	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Keyboard	
Memory		Pointing device	Touchpad
Internal memory *	16 GB	Numeric keypad *	✓
Internal memory type	LPDDR5x-SDRAM	Keyboard backlit	✓
Memory clock speed	7467 MHz	Software	
Memory form factor	On-board	Operating system installed *	Windows 11 Pro
Maximum internal memory *	16 GB	Battery	
Storage		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	1 TB	Number of battery cells	4
Storage media *	SSD	Battery capacity	4900 mAh
Total SSDs capacity	1 TB	Battery capacity *	76 Wh
Number of SSDs installed	1	Battery voltage	15.52 V
SSD capacity	1 TB	Continuous video playback time	21 h
SSD interface	PCI Express 4.0	Browsing time (Wi-Fi)	1.3 h
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	140 W
Optical drive type *	✗	Security	
Card reader integrated	✓	Fingerprint reader	✓
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Width	355.4 mm
Discrete graphics card memory	6 GB	Depth	250.4 mm
Discrete graphics memory type	GDDR6	Height	16.5 mm
On-board graphics card *	✓	Weight *	1.86 kg
On-board GPU manufacturer	Intel	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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