

Samsung Galaxy Book4 Pro Intel Core Ultra 7 155H Computer portatile 35,6 cm (14") Touch screen WQXGA+ 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grigio

Marchio : Samsung Famiglia del prodotto: Galaxy Book4 Pro Codice prodotto: NP942XGK-KG1IT

Nome del prodotto : Galaxy Book4 Pro



14" 2880 x 1800 WQXGA+, Intel Core Ultra 7 155H, 16 GB LPDDR5X-SDRAM, 1 TB SSD, Intel Arc Graphics, WLAN 802.11, WebCam, Windows 11 Pro
Samsung Galaxy Book4 Pro . Tipo di prodotto: Computer portatile, Fattore di forma: Clamshell. Famiglia processore: Intel Core Ultra 7, Modello del processore: 155H. Dimensioni diagonale schermo: 35,6 cm (14"), 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	On-board graphics card model *	Intel Arc Graphics
Product type *	Laptop	On-board graphics card 4K support	✓
Product colour *	Grey	On-board graphics card 6K support	✓
Form factor *	Clamshell	Graphics card Open GL support	✓
Original brand name	Samsung	Audio	
Display		Number of built-in speakers	4
Display diagonal *	35.6 cm (14")	Speakers manufacturer	AKG
Display resolution *	2880 x 1800 pixels	Speaker power	5 W
Touchscreen *	✓	Built-in subwoofer	✓
HD type	WQXGA+	Built-in microphone	✓
Panel type	AMOLED	Number of microphones	2
Display technology marketing name	Dynamic AMOLED 2X	Camera	
Native aspect ratio	16:10	Front camera	✓
Display brightness	400 cd/m²	Front camera resolution (numeric)	2 MP
Maximum display brightness (HDR)	500 cd/m²	Front camera resolution	1920 x 1080 pixels
Display diagonal (metric)	35.6 cm	Front camera HD type	Full HD
RGB colour space	DCI-P3	Video capturing speed	60 fps
Colour gamut	120%	Network	
Maximum refresh rate	120 Hz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor		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 manufacturer *	Intel	Mobile network connection *	✗
Processor family *	Intel Core Ultra 7	Antenna type	2x2
Processor generation	Intel® Core™ Ultra (Series 1)	WLAN controller model	Intel Wi-Fi 6E AX211
Processor model *	155H	WLAN controller manufacturer	Intel
Processor cores	16	Bluetooth	✓
Processor boost frequency	4.8 GHz		
Performance cores	6		
Efficient cores	8		

Processor		Network	
Performance-core Max Turbo Frequency	4.8 GHz	Bluetooth version	5.3
Efficient-core Max Turbo Frequency	3.8 GHz	Ports & interfaces	
Efficient-core base frequency	0.9 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Performance-core boost frequency	1.4 GHz	HDMI ports quantity *	1
Processor cache	24 MB	HDMI version	2.1
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)		Combo headphone/mic port	✓
Neural processor unit (NPU)	Intel AI Boost	Performance	
Maximum frequency NPU	1.4 GHz	Ambient light sensor	✓
Sparsity support	✓	Hall sensor	✓
Windows Studio effects support	✓	Keyboard	
AI datatype support on NPU	FP16, FP32, Int8	Pointing device	Touchpad
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Numeric keypad *	✗
Memory		Keyboard backlit	✓
Internal memory *	16 GB	Software	
Internal memory type	LPDDR5x-SDRAM	Operating system installed *	Windows 11 Pro
Memory clock speed	7467 MHz	Battery	
Memory form factor	On-board	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	16 GB	Number of battery cells	4
Storage		Battery capacity	4081 mAh
Total storage capacity *	1 TB	Battery capacity *	63 Wh
Storage media *	SSD	Battery voltage	15.44 V
Total SSDs capacity	1 TB	Continuous video playback time	18 h
Number of SSDs installed	1	Battery recharge time	1.5 h
SSD capacity	1 TB	Power	
SSD interface	PCI Express 4.0	AC adapter power	65 W
NVMe	✓	Security	
SSD form factor	M.2	Fingerprint reader	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Trusted Platform Module (TPM) version	2.0
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Weight & dimensions	
Graphics		Width	312.3 mm
Discrete graphics card model *	Not available	Depth	223.8 mm
On-board graphics card *	✓	Height	11.6 mm
On-board GPU manufacturer	Intel	Weight *	1.23 kg
Discrete graphics card *	✗	Packaging data	
On-board graphics card family	Intel Arc Graphics	Package width	413.3 mm
		Package depth	264.4 mm
		Package height	42.8 mm
		Packaging content	
		Cables included	USB Type-C



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