

Samsung Galaxy Book5 Pro Intel Core Ultra 7 256V Computer portatile 35,6 cm (14") Touch screen WQXGA+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Home Grigio

Marchio : Samsung

Codice prodotto: NP940XHA-KG2IT

Nome del prodotto : Galaxy Book5 Pro

- Processore Intel Core Ultra (Serie 2)
 - Display touch 3K Dynamic AMOLED 2X
 - Galaxy AI e Copilot+ PC
- NP940XHA-KG2IT

Samsung Galaxy Book5 Pro. Tipo di prodotto: Computer portatile, Fattore di forma: Clamshell. Famiglia processore: Intel Core Ultra 7, Modello del processore: 256V. 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: 512 GB, Supporto di memoria: SSD. Modello scheda grafica integrata: Intel Arc Graphics 140V. Sistema operativo incluso: Windows 11 Home. Colore del prodotto: Grigio



Design super leggero e super sottile



Design		Graphics	
Product type *	Laptop	On-board graphics card DirectX version	12.2
Product colour *	Grey	On-board graphics card OpenGL version	4.6
Form factor *	Clamshell	On-board graphics card 8K support	✓
Stylus pen support	✗		
Display		Audio	
Display diagonal *	35.6 cm (14")	Number of built-in speakers	4
Display resolution *	2880 x 1800 pixels	Built-in subwoofer	✓
Touchscreen *	✓	Built-in microphone	✓
HD type	WQXGA+	Number of microphones	2
Panel type	AMOLED		
Native aspect ratio	16:10	Camera	
Display brightness	400 cd/m²	Front camera	✓
Maximum display brightness (HDR)	500 cd/m²		
Maximum refresh rate	120 Hz	Network	
Processor		Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor manufacturer *	Intel		
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), Wi-Fi 7 (802.11be)
Processor generation	Intel Core Ultra (Series 2)	Antenna type	2x2
Processor model *	256V	Ethernet LAN	✓
Processor cores	8	Bluetooth	✓
Processor threads	8	Bluetooth version	5.4
Processor boost frequency	4.8 GHz		
Performance cores	4	Ports & interfaces	
Low Power Efficient-cores	4	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	4.8 GHz	HDMI version	2.1
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Thunderbolt 4 ports quantity	2
		Headphone outputs	1

Processor		Keyboard	
Performance-core base frequency	2.2 GHz	Pointing device	Touchpad
Low Power Efficient-core Base Frequency	2.2 MHz	Numeric keypad *	✓
Processor cache	12 MB	Keyboard backlit	✓
Processor cache type	Smart Cache	Software	
Tjunction	100 °C	Operating system installed *	Windows 11 Home
Processor base power	17 W	Processor special features	
Maximum turbo power	37 W	Intel Trusted Execution Technology	✓
Neural processor unit (NPU)		Intel VT-x with Extended Page Tables (EPT)	✓
Neural processor unit (NPU)	Intel AI Boost	Intel® Secure Key	✓
Sparsity support	✓	Intel® OS Guard	✓
Windows Studio effects support	✓	Execute Disable Bit	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, WebNN, Windows ML	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
NPU performance up to	47 TOPs	CPU configuration (max)	1
Memory		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Internal memory *	16 GB	Intel® Smart Sound Technology	✓
Internal memory type	LPDDR5x-SDRAM	Intel Virtualization Technology (VT-x)	✓
Memory clock speed	8533 MHz	Battery	
Maximum internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage		Number of battery cells	4
Total storage capacity *	512 GB	Battery capacity	4023 mAh
Storage media *	SSD	Battery capacity *	62.2 Wh
Total SSDs capacity	512 GB	Battery voltage	15.44 V
Number of SSDs installed	1	Battery life (max)	21 h
SSD capacity	512 GB	Battery recharge time	1.5 h
SSD interface	PCI Express 4.0	Power	
SSD form factor	M.2	AC adapter power	65 W
Optical drive type *	✗	Security	
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Trusted Platform Module (TPM) version	2.0
Graphics		Weight & dimensions	
On-board graphics card *	✓	Width	312.3 mm
Discrete graphics card *	✗	Depth	223.8 mm
On-board graphics card family	Intel Arc Graphics	Height	11.6 mm
On-board graphics card model *	Intel Arc Graphics 140V	Weight *	1.23 kg
		Packaging data	
		Package width	396.3 mm
		Package depth	234.9 mm
		Package height	43.1 mm



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