

Samsung Galaxy Book Pro Intel® Core™ i7 i7-1165G7 Laptop 39.6 cm (15.6") Full HD 16 GB LPDDR4x-SDRAM 1 TB SSD NVIDIA GeForce MX450 Wi-Fi 6 (802.11ax) Windows 10 Home Silver

Brand : Samsung Product family: Galaxy Book Pro Product code: NP950XDC-XE1DE

Product name : Galaxy Book Pro

Samsung Galaxy Book Pro . Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor: i7-1165G7, Processor frequency: 2.8 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: LPDDR4x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 10 Home. Product colour: Silver



Design		Audio	
Product type *	Laptop	Audio system	Dolby Atmos
Product colour *	Silver	Number of built-in speakers	2
Form factor *	Clamshell	Speakers manufacturer	AKG
Housing material	Aluminium	Speaker power	1.5 W
Introduction year	2021	Built-in microphone	✓
Original brand name	Samsung	Camera	
Display		Front camera	✓
Display diagonal *	39.6 cm (15.6")	Front camera resolution	1280 x 720 pixels
Display resolution *	1920 x 1080 pixels	Front camera HD type	HD
Touchscreen *	✗	Network	
HD type	Full HD	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Panel type	AMOLED	Wi-Fi standards	Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Native aspect ratio	16:9	Mobile network connection *	✗
Display diagonal (metric)	39.6 cm	Antenna type	2x2
Processor		Ethernet LAN connection	✗
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel® Core™ i7	Bluetooth version	5.1
Processor generation	11th gen Intel® Core™ i7	Ports & interfaces	
Processor *	i7-1165G7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor number of cores	4	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor boost frequency	4.7 GHz	Thunderbolt technology	✓
Processor frequency *	2.8 GHz	HDMI ports quantity *	1
Processor cache	12 MB	Intel® Thunderbolt 4	✓
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Configurable TDP-up frequency	2.8 GHz	Keyboard	
Configurable TDP-up	28 W	Pointing device	Touchpad
Configurable TDP-down	12 W	Numeric keypad *	✓
Configurable TDP-down frequency	1.2 GHz	Software	
Memory		Operating system architecture	64-bit
Internal memory *	16 GB	Operating system installed *	Windows 10 Home
Internal memory type	LPDDR4x-SDRAM		
Memory form factor	On-board		
Memory, maximum *	16 GB		

Storage		Processor special features	
Total storage capacity *	1 TB	Intel Trusted Execution Technology	✗
Storage media *	SSD	Intel VT-x with Extended Page Tables (EPT)	✓
Total SSDs capacity	1 TB	Intel Stable Image Platform Program (SIPP)	✗
Number of SSDs installed	1	Intel Software Guard Extensions (Intel SGX)	✗
Solid-state drive capacity	1 TB	Idle States	✓
Solid-state drive interfaces	NVMe	CPU configuration (max)	1
NVMe	✓	Embedded options available	✗
Optical drive *	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	MicroSD (TransFlash)		
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Battery capacity *	68 Wh
Discrete graphics card model *	NVIDIA GeForce MX450	Battery life (max)	20 h
Discrete graphics card memory	2 GB		
Discrete graphics memory type	GDDR6	Power	
On-board graphics card *	✓	AC adapter power	65 W
Discrete graphics card *	✓	USB Type-C charging port *	✓
On-board graphics card model *	Intel Iris Xe Graphics		
On-board graphics card 4K support	✓	Security	
On-board graphics card 6K support	✓	Fingerprint reader	✓
Graphics card Open GL support	✓		
		Weight & dimensions	
		Width	355.4 mm
		Depth	225.8 mm
		Height	13.3 mm
		Weight *	1.15 kg
		Packaging content	
		Cables included	AC



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