SAMSUNG

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

Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Housing material	Aluminium
Introduction year	2021
Original brand name	Samsung

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type	Full HD
Panel type	AMOLED
Native aspect ratio	16:9
Display diagonal (metric)	39.6 cm

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	11th gen Intel® Core™ i7
Processor *	i7-1165G7
Processor number of cores	4
Processor boost frequency	4.7 GHz
Processor frequency *	2.8 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Configurable TDP-up frequency	2.8 GHz
Configurable TDP-up	28 W
Configurable TDP-down	12 W
Configurable TDP-down frequency	1.2 GHz

Memory

Internal memory *	16 GB
Internal memory type	LPDDR4x-SDRAM
Memory form factor	On-board
Memory, maximum *	16 GB

Audio

Audio system	Dolby Atmos
Number of built-in speakers	2
Speakers manufacturer	AKG
Speaker power	1.5 W
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution	1280 x 720 pixels
Front camera HD type	HD

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Antenna type	2x2
Ethernet LAN connection	✗
Bluetooth	✔
Bluetooth version	5.1

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Thunderbolt technology	✔
HDMI ports quantity *	1
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔

Software

Operating system architecture	64-bit
Operating system installed *	Windows 10 Home

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
Solid-state drive capacity	1 TB
Solid-state drive interfaces	NVMe
NVMe	✔
Optical drive *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce MX450
Discrete graphics card memory	2 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card model *	Intel Iris Xe Graphics
On-board graphics card 4K support	✔
On-board graphics card 6K support	✔
Graphics card Open GL support	✔

Processor special features

Intel Trusted Execution Technology	✘
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Stable Image Platform Program (SIPP)	✘
Intel Software Guard Extensions (Intel SGX)	✘
Idle States	✔
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Battery

Battery capacity *	68 Wh
Battery life (max)	20 h

Power

AC adapter power	65 W
USB Type-C charging port *	✔

Security

Fingerprint reader	✔

Weight & dimensions

Width	355.4 mm
Depth	225.8 mm
Height	13.3 mm
Weight *	1.15 kg

Packaging content

Cables included	AC

8806092555471

Catalog Object Cloud