

## Samsung Book6 Pro 16" U7 32GB 1TB (NP960XJG-KG6BE)

Samsung Galaxy Book6 Pro - Copilot+ PC - Intel Core Ultra 7 - 356H / up to 4.7 GHz - Win 11 Home - Intel Graphics - 32 GB RAM - 1 TB SSD NVMe - 16" AMOLED touchscreen 2880 x 1800 (WQXGA+) @ 120 Hz - Wi-Fi 7, Bluetooth - grey

Copilot+PC



The Samsung Galaxy Book6 Pro combines performance with stunning design to elevate productivity and entertainment. With a vibrant 13.3-inch OLED display featuring a 2880 x 1800 resolution and HDR 1000 True Black, every image appears rich in detail and color. The touchscreen capability enhances user interaction, while the 1 TB SSD ensures ample storage for files and applications. The dual array microphone and Smart Amp provide a superior audio experience, supported by Dolby Atmos for immersive sound quality. This notebook is equipped with a powerful Intel Core Ultra 7 processor, featuring 16 cores, power for multitasking and demanding applications. Connectivity options include Thunderbolt 4, USB-C, and HDMI, ensuring versatility for all peripherals. With advanced security features including a fingerprint reader and Trusted Platform Module (TPM) security chip, this device offers safety for sensitive information. The Galaxy AI facilitates seamless operations, making it a strong companion for both work and play.

## Key Selling Points

- 13.3-inch OLED display with 2880 x 1800 resolution
- Intel Core Ultra 7 processor with 16 cores
- Storage with 1 TB SSD for files and applications
- Security features including a fingerprint reader
- Dolby Atmos support for immersive audio experience

## Product Features

### Vibrant display

The 13.3-inch OLED display offers a resolution of 2880 x 1800, providing sharp images and vibrant colors for an enhanced viewing experience.

### Powerful performance

Equipped with an Intel Core Ultra 7 processor that features a total of 16 cores, providing efficient performance for multitasking and demanding tasks.

### Ample storage

With a 1 TB SSD, the Samsung Galaxy Book6 Pro allows for extensive storage capabilities, making it easy to keep essential applications and files accessible.

### Immersive audio

The audio system features Dolby Atmos support and Smart Amp technology, delivering rich sound for music, videos, and video conferencing.

### Enhanced security

The notebook includes advanced security features such as a fingerprint reader and Trusted Platform Module (TPM) security chip, ensuring user data safety.

## Main Specifications

Product Description	Samsung Galaxy Book6 Pro - Copilot+ PC - 16" - Intel Core Ultra 7 - 356H - 32 GB RAM - 1 TB SSD
Product Type	Notebook - Copilot+ PC
EU Data Act	<a href="https://dataact.samsung.com/#!/public/notice-page?locale=en">https://dataact.samsung.com/#!/public/notice-page?locale=en</a>
Operating System	Win 11 Home
Processor	Intel Core Ultra 7 (Series 3) - 356H / 1.9 GHz, up to 4.7 GHz / 18 MB Cache
Neural Processor Unit (NPU)	- up to 50 TOPS
Memory	32 GB LPDDR5X SDRAM (provided memory is soldered)
Storage	1 TB SSD - NVMe
Display	16" touchscreen 2880 x 1800 / WQXGA+ @ 120 Hz
Graphics	Intel Graphics - up to 40 TOPS
Input Device	ClickPad
Keyboard Backlight	Yes
Integrated Webcam	Yes
Microsoft Copilot	Yes
Networking	802.11a/b/g/n/ac/ax/be, Bluetooth 5.4
Features	Ambient light sensor, hall sensor
Security	Trusted Platform Module (TPM) Security Chip, fingerprint reader
Colour	Grey

Dimensions (WxDxH)	35.69 cm x 24.8 cm x 1.19 cm
Weight	1.59 kg
Manufacturer Warranty	Limited warranty - 2 years

## Extended Specification

### General

Product Type	Notebook
AI Level	Copilot+ PC
Operating System	Windows 11 Home
EU Data Act	<a href="https://dataact.samsung.com/#/public/notice-page?locale=en">https://dataact.samsung.com/#/public/notice-page?locale=en</a>

### Memory

RAM	32 GB (provided memory is soldered)
Technology	LPDDR5X SDRAM

### Manufacturer Warranty

Service & Support	Limited warranty - 2 years
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### Storage

Main Storage	1 TB SSD - NVMe Express (NVMe)
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### Miscellaneous

Colour	Grey
Integrated Options	Ambient light sensor, hall sensor
Security	Trusted Platform Module (TPM) Security Chip, fingerprint reader
Features	Vision Booster, Galaxy AI
Included Accessories	65W USB-C power adapter
Cables Included	USB-C to USB-C cable

### Software

Microsoft Copilot	Yes
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### Display

Type	16" - AMOLED
Touchscreen	Yes
Resolution	2880 x 1800 (WQXGA+)
V-Sync Rate at Max Res.	120 Hz
Widescreen	Yes
Image Aspect Ratio	16:10
Image Brightness	1000 cd/m <sup>2</sup>
Features	SmartThings App Support, anti-reflective, HDR 1000 True Black, Variable refresh rate (VRR), Corning Gorilla glass DXC
Keyboard Name	Pro keyboard

### Battery

Technology	Lithium Ion
Capacity	78.07 Wh

### Communications

Wireless	802.11a/b/g/n/ac/ax/be, Bluetooth 5.4
Features	Dual stream (2x2)

## Dimensions & Weight

Dimensions (WxDxH)	35.69 cm x 24.8 cm x 1.19 cm
Weight	1.59 kg

## Processor / Chipset

CPU	Intel Core Ultra 7 (Series 3) 356H / 1.9 GHz
Max Turbo Speed	4.7 GHz
Number of Cores	16-core
Performance Cores	4
Efficient Cores	12
Cache	18 MB

## Audio & Video

Graphics Processor	Intel Graphics - up to 40 TOPS
Camera	Yes - 1080p
Resolution	2 Megapixel
Sound	Four speakers, dual array microphone
Compliant Standards	Dolby Atmos
Audio Features	Output: Smart Amp

## Input

Type	Keyboard, ClickPad
Keyboard Backlight	Yes
Features	Haptic touchpad, Copilot key

## AC Adapter

Output	65 Watt
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## Connections & Expansion

Slots	2 x M.2 SATA/NVMe SSD
Interfaces Details	HDMI   2 x Thunderbolt 4   USB 3.2 (Type A)   Headphone/microphone combo jack (mini-phone 3.5 mm)
Memory Card Reader	Yes (microSD)

## Neural Processor Unit (NPU)

NPU Performance Up To (TOPS)	50 TOPS
AI Datatype Support on NPU	INT8
Sparsity Support	Yes
AI Software Frameworks Supported by NPU	OpenVINO, WebNN, WindowsML, ONNX RT
Windows Studio Effects Support	Yes

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