

## Samsung(NP940XHA-KG1BE)

**Samsung Galaxy Book5 Pro - Intel Core Ultra 7 - 256V / up to 4.8 GHz - Evo - Win 11 Home - Intel Arc Graphics 140V - 16 GB RAM - 512 GB SSD NVMe - 14" AMOLED touchscreen 2880 x 1800 (WQXGA+) @ 120 Hz - Wi-Fi 7, Bluetooth - grey**



The Samsung Galaxy Book5 Pro combines sleek design with powerful performance, making it a choice for work and entertainment. With a stunning 2880 x 1800 OLED display, this notebook delivers vibrant visuals and exceptional image clarity. The features, including a 120 Hz refresh rate, ensure a smooth viewing experience, whether streaming media or browsing the web. Equipped with a powerful Core Ultra 7 processor and 32 GB LPDDR5X SDRAM, it handles multitasking with ease, allowing users to run demanding applications without lag. The device also boasts impressive audio capabilities with Dolby Atmos compliance and four stereo speakers, providing immersive sound quality. A dual array microphone ensures crystal clear communication during video calls. The versatile interface options, including Thunderbolt 4 and USB-C, enhance connectivity for various devices and accessories. Ideal for professionals and creatives, the Samsung Galaxy Book5 Pro offers the performance and features needed to adapt to any task with style and efficiency.

## Key Selling Points

- 2880 x 1800 OLED display with a 120 Hz refresh rate
- Core Ultra 7 processor with 8 cores and Intel AI Boost NPU
- Dolby Atmos audio with four stereo speakers for immersive sound
- Lightweight aluminum design with a trusted security chip
- Extensive connectivity options including Thunderbolt 4 and USB-C

## Product Features

### Vibrant display

The 2880 x 1800 OLED display offers vivid colors and sharp details, allowing for an enhanced viewing experience across various tasks.

### Powerful performance

Powered by an Intel Core Ultra 7 processor with a max turbo speed of 4.8 GHz, this notebook efficiently handles demanding applications and multitasking.

### Immersive audio

Featuring four stereo speakers and Dolby Atmos compliance, the Galaxy Book5 Pro delivers rich, high-quality sound for a more engaging auditory experience.

### Streamlined connectivity

With multiple ports including USB-C, Thunderbolt 4, and an HDMI port, users can easily connect various devices and accessories.

### Robust security

The inclusion of a fingerprint reader and a Trusted Platform Module (TPM) chip enhances the device's security, ensuring data protection and privacy.

## Main Specifications

Product Description	Samsung Galaxy Book5 Pro - 14" - Intel Core Ultra 7 - 256V - Evo - 16 GB RAM - 512 GB SSD
Product Type	Notebook
Operating System	Win 11 Home
Platform Technology	Intel Evo
Processor	Intel Core Ultra 7 (Series 2) - 256V / 2.2 GHz, up to 4.8 GHz / 12 MB Cache
Memory	16 GB LPDDR5X (provided memory is soldered)
Storage	512 GB SSD - NVMe
Display	14" touchscreen 2880 x 1800 / WQXGA+ @ 120 Hz
Graphics	Intel Arc Graphics 140V
Video Memory	8 GB
Input Device	ClickPad

Keyboard Backlight	Yes
Integrated Webcam	Yes
Microsoft Copilot	Yes
Networking	802.11a/b/g/n/ac/ax/be, Bluetooth 5.4
Battery	Up to 21 hours
Features	Ambient light sensor
Security	Trusted Platform Module (TPM) Security Chip, fingerprint reader
Colour	Grey
Dimensions (WxDxH)	31.23 cm x 22.38 cm x 1.16 cm
Weight	1.23 kg
Manufacturer Warranty	Limited warranty - 2 years

## Extended Specification

### General

Product Type	Notebook
Operating System	Windows 11 Home

### Memory

RAM	16 GB (provided memory is soldered)
Technology	LPDDR5X SDRAM

### Manufacturer Warranty

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

Main Storage	512 GB SSD - NVM Express (NVMe)
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### Miscellaneous

Colour	Grey
Integrated Options	Ambient light 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
Compliant Standards	SGS Eye Care Display Certification

### Software

Microsoft Copilot	Yes
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### Display

Type	14" - 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	500 cd/m <sup>2</sup>
Colour Gamut	120% DCI-P3
Features	Anti-reflective, blue light reduction, VESA DisplayHDR 500, GorillaGlass with DX

Keyboard Name	Pro keyboard
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### Battery

Technology	Lithium Ion
Capacity	63.1 Wh
Run Time	Up to 21 hours
Battery Run Time	Video playback: up to 21 hours

### Communications

Wireless	802.11a/b/g/n/ac/ax/be, Bluetooth 5.4
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### Dimensions & Weight

Dimensions (WxDxH)	31.23 cm x 22.38 cm x 1.16 cm
Weight	1.23 kg

### Processor / Chipset

CPU	Intel Core Ultra 7 (Series 2) 256V / 2.2 GHz
Max Turbo Speed	4.8 GHz
Number of Cores	8-core
Cache	L3 - 12 MB
Platform Technology	Intel Evo
Features	Intel Smart Cache, Intel Turbo Boost Max Technology 3.0

### Audio & Video

Graphics Processor	Intel Arc Graphics 140V
Video Memory	8 GB
Camera	Yes - 1080p
Resolution	2 Megapixel
Camera Features	Staggered HDR
Sound	Four stereo speakers, dual array microphone
Compliant Standards	Dolby Atmos
Audio Features	Output: Smart Amp

### Input

Type	Keyboard, ClickPad
Keyboard Backlight	Yes
Features	Copilot key

### AC Adapter

Output	65 Watt
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### Connections & Expansion

Interfaces Details	HDMI   2 x Thunderbolt 4   USB 3.2 (Type A)   Headphone/microphone combo jack
Memory Card Reader	Yes (microSD)

### Sustainability Information

TCO Certified	-
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