

Samsung Galaxy Book5 NP754XHD-KB1US Copilot+ PC Intel Core Ultra 5 225U Laptop 39.6 cm (15.6") Full HD 16 GB LPDDR5x-SDRAM 256 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver QWERTY US English



Brand : Samsung **Product family:** Galaxy Book5 **Product code:** NP754XHD-KB2US

Product name : NP754XHD-KB1US

- Windows 11 Pro
 - Intel Core Ultra 5 225U (12MB Cache)
 - 39.6 cm (15.6") Full HD 1920 x 1080 IPS
 - 16GB LPDDR5x-SDRAM & 256GB SSD
- Intel Core Ultra 5 225U (12MB Cache), 16GB LPDDR5x-SDRAM, 256GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel Graphics, WLAN, Webcam, Windows 11 Pro

Samsung Galaxy Book5 NP754XHD-KB1US Copilot+ PC Intel Core Ultra 5 225U Laptop 39.6 cm (15.6") Full HD 16 GB LPDDR5x-SDRAM 256 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver QWERTY US English:

Get ready to upgrade your laptop game with the Samsung Galaxy Book5 range. In this article, we'll break down the differences between the latest Galaxy Book5 360, Galaxy Book5 Pro and Galaxy Book5 Pro 360. Discover which model is perfect for gaming, which offers the best performance for professionals, and which best suits students and creatives. No matter your needs, we're confident that there's a Galaxy Book5 laptop that's just right for you.

Design		Graphics	
Product type *	Laptop	On-board graphics card model *	Intel® Graphics
Product colour *	Silver	On-board graphics card 4K support	✓
Form factor *	Clamshell	On-board graphics card 6K support	✓
Certified refurbished	✗	On-board graphics card 8K support	✓
Display		Graphics card Open GL support	✓
Display diagonal *	39.6 cm (15.6")	Audio	
Display resolution *	1920 x 1080 pixels	Audio system	Dolby Atmos
Touchscreen *	✗	Number of built-in speakers	2
HD type	Full HD	Speaker power	2 W
Panel type	IPS	Built-in microphone	✓
Anti-glare screen	✓	Number of microphones	2
Display brightness	370 cd/m²	Camera	
Maximum display brightness (HDR)	500 cd/m²	Front camera	✓
Pixel density	141 ppi	Front camera resolution	1920 x 1080 pixels
Maximum refresh rate	60 Hz	Front camera HD type	Full HD
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor family *	Intel Core Ultra 5	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)
Processor generation	Intel Core Ultra (Series 2)	Mobile network connection *	✗
Processor model *	225U	Antenna type	2x2
Processor cores	12	Bluetooth	✓
Processor threads	14	Bluetooth version	5.4
Processor boost frequency	4.8 GHz	Ports & interfaces	
Performance cores	2	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Efficient cores	8	USB4 Gen 2x2 ports quantity	2
Low Power Efficient-cores	2	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	4.8 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		

Processor		Ports & interfaces	
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	Combo headphone/mic port	✓
Performance-core base frequency	1.5 GHz	Performance	
Efficient-core base frequency	1.3 GHz	Accelerometer	✓
Low Power Efficient-core Base Frequency	700 MHz	Gyroscope	✓
Processor cache	12 MB	Hall sensor	✓
Processor base power	15 W	Keyboard	
Maximum turbo power	57 W	Pointing device	Touchpad
Neural processor unit (NPU)		Numeric keypad *	✓
Copilot+ PC	✓	Island-style keyboard	✓
Neural processor unit (NPU)	Intel AI Boost	Keyboard layout	QWERTY
Sparsity support	✓	Keyboard language	US English
Windows Studio effects support	✓	Software	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Operating system installed *	Windows 11 Pro
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	LPDDR5x-SDRAM	Number of battery cells	4
Memory form factor	On-board	Removable battery	✗
Storage		Battery weight	259 g
Total storage capacity *	256 GB	Power	
Storage media *	SSD	AC adapter power	65 W
Total SSDs capacity	256 GB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	256 GB	Cable lock slot type	Kensington
NVMe	✓	Fingerprint reader	✗
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Weight & dimensions	
Compatible memory cards	MicroSD (TransFlash)	Width	355.4 mm
Graphics		Depth	228 mm
Discrete graphics card model *	Not available	Height	13.7 mm
On-board graphics card *	✓	Weight *	1.46 kg
On-board GPU manufacturer	Intel	Packaging data	
Discrete graphics card *	✗	Package width	471 mm
On-board graphics card family	Intel® Graphics	Package depth	278 mm
		Package height	49 mm
		Package weight	2.33 kg
		Packaging content	
		AC adapter included *	✓
		Logistics data	
		Harmonized System (HS) code	8471300000



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