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Samsung Galaxy Book5 NP754XHD-KB1US laptop Intel Core Ultra 7 255U 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-KB1US

Product name : NP754XHD-KB1US

- Windows 11 Pro
- Intel Core Ultra 7 255U (12MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS
- 16GB LPDDR5x-SDRAM & 256GB SSD

Intel Core Ultra 7 255U (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 laptop Intel Core Ultra 7 255U 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	
Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Display	
Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✕
HD type	Full HD
Panel type	IPS
Anti-glare screen	✔
Display brightness	370 cd/m²
Maximum display brightness (HDR)	500 cd/m²
Pixel density	141 ppi
Maximum refresh rate	60 Hz
Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel Core Ultra (Series 2)
Processor model *	255U
Processor cores	12
Processor threads	14
Processor boost frequency	5.2 GHz
Performance cores	2
Efficient cores	8
Low Power Efficient-cores	2
Performance-core Max Turbo Frequency	5.2 GHz
Efficient-core Max Turbo Frequency	4.2 GHz
Low Power Efficient-core Max Turbo Frequency	2.4 GHz
Performance-core base frequency	2 GHz
Efficient-core base frequency	1.7 GHz

Graphics	
On-board graphics card 4K support	✔
On-board graphics card 6K support	✔
On-board graphics card 8K support	✔
Graphics card Open GL support	✔
Audio	
Audio system	Dolby Atmos
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✔
Number of microphones	2
Camera	
Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Network	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
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)
Mobile network connection *	✕
Antenna type	2x2
Bluetooth	✔
Bluetooth version	5.4
Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB4 Gen 2x2 ports quantity	2
HDMI ports quantity *	1
Combo headphone/mic port	✔

Processor	
Low Power Efficient-core Base Frequency	700 MHz
Processor cache	12 MB
Processor base power	15 W
Maximum turbo power	57 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML

Memory	
Internal memory *	16 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board

Storage	
Total storage capacity *	256 GB
Storage media *	SSD
Total SSDs capacity	256 GB
Number of SSDs installed	1
SSD capacity	256 GB
NVMe	✔
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✘
On-board graphics card family	Intel® Graphics
On-board graphics card model *	Intel® Graphics

Performance	
Accelerometer	✔
Gyroscope	✔
Hall sensor	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Island-style keyboard	✔
Keyboard layout	QWERTY
Keyboard language	US English

Software	
Operating system installed *	Windows 11 Pro

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Removable battery	✘
Battery weight	259 g

Power	
AC adapter power	65 W

Security	
Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✘
Trusted Platform Module (TPM)	✔

Weight & dimensions	
Width	355.4 mm
Depth	228 mm
Height	13.7 mm
Weight *	1.46 kg

Packaging data	
Package width	471 mm
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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