

Samsung Galaxy Book5 NP754XHD-CG2UK laptop Intel Core Ultra 7 255U 39.6 cm (15.6") Full HD 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Spanish Grey

Brand : Samsung Product family: Galaxy Book5 Product code: NP754XHD-CG2UK

Product name : NP754XHD-CG2UK

- Windows 11 Pro
 - Intel Core Ultra 7 255U (12MB Cache)
 - 39.6 cm (15.6") Full HD 1920 x 1080 IPS
 - 16GB LPDDR5x-SDRAM & 512GB SSD
- Intel Core Ultra 7 255U (12MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro

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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 4K support	✓
Product colour *	Grey	On-board graphics card 6K support	✓
Form factor *	Clamshell	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 7	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)		
Processor model *	255U	Mobile network connection *	✗
Processor cores	12	Antenna type	2x2
Processor threads	14	Bluetooth	✓
Processor boost frequency	5.2 GHz	Bluetooth version	5.4
Performance cores	2	Ports & interfaces	
Efficient cores	8	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Low Power Efficient-cores	2	USB4 Gen 2x2 ports quantity	2
Performance-core Max Turbo Frequency	5.2 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	4.2 GHz	Combo headphone/mic port	✓
Low Power Efficient-core Max Turbo Frequency	2.4 GHz		
Performance-core base frequency	2 GHz		
Efficient-core base frequency	1.7 GHz		

Processor		Performance	
Low Power Efficient-core Base Frequency	700 MHz	Accelerometer	✓
Processor cache	12 MB	Gyroscope	✓
Processor base power	15 W	Hall sensor	✓
Maximum turbo power	57 W	Keyboard	
Neural processor unit (NPU)		Pointing device	Touchpad
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✓
Sparsity support	✓	Island-style keyboard	✓
Windows Studio effects support	✓	Keyboard layout	QWERTY
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Keyboard language	Spanish
Memory		Software	
Internal memory *	16 GB	Operating system installed *	Windows 11 Pro
Internal memory type	LPDDR5x-SDRAM	Battery	
Memory form factor	On-board	Battery technology	Lithium-Ion (Li-Ion)
Storage		Number of battery cells	4
Total storage capacity *	512 GB	Removable battery	✗
Storage media *	SSD	Battery weight	259 g
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1	AC adapter power	65 W
SSD capacity	512 GB	Security	
NVMe	✓	Cable lock slot	✓
Optical drive type *	✗	Cable lock slot type	Kensington
Card reader integrated	✓	Fingerprint reader	✗
Compatible memory cards	MicroSD (TransFlash)	Trusted Platform Module (TPM)	✓
Graphics		Weight & dimensions	
Discrete graphics card model *	Not available	Width	355.4 mm
On-board graphics card *	✓	Depth	228 mm
On-board GPU manufacturer	Intel	Height	13.7 mm
Discrete graphics card *	✗	Weight *	1.46 kg
On-board graphics card family	Intel Graphics	Packaging data	
On-board graphics card model *	Intel Graphics	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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