

Samsung Galaxy Book6 NP760XJG-KG2NL laptop Copilot+ PC Intel Core Ultra 7 355 40.6 cm (16") Touchscreen WUXGA 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Spanish Grey



Brand : Samsung

Product family: Galaxy Book6 **Product code:** NP760XJG-KG2NL

Product name : NP760XJG-KG2NL

Samsung Galaxy Book6 NP760XJG-KG2NL. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 355. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Home. Product colour: Grey

Design		Audio	
Product type *	Laptop	Audio system	Dolby Atmos
Product colour *	Grey	Number of built-in speakers	2
Form factor *	Clamshell	Speaker power	2 W
Introduction year	2026	Built-in microphone	✓
Original brand name	Samsung	Number of microphones	2
Display		Camera	
Display diagonal *	40.6 cm (16")	Front camera	✓
Display resolution *	1920 x 1200 pixels	Front camera resolution (numeric)	2 MP
Touchscreen *	✓	Network	
HD type	WUXGA	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Panel type	IPS	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)
Native aspect ratio	16:10	Mobile network connection *	✗
Display brightness	350 cd/m ²	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Display diagonal (metric)	40.6 cm	WLAN controller model	Intel Wi-Fi 6E AX211
Processor		WLAN controller manufacturer	Intel
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor family *	Intel Core Ultra 7	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor generation	Intel® Core™ Ultra (Series 3)	Bluetooth	✓
Processor model *	355	Bluetooth version	5.4
Processor cores	8	MIMO	✓
Processor threads	8	Ports & interfaces	
Processor boost frequency	4.7 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Performance cores	4	Ethernet LAN (RJ-45) ports	1
Low Power Efficient-cores	4	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	4.7 GHz	HDMI version	1.4b
Low Power Efficient-core Max Turbo Frequency	3.5 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2.3 GHz	Performance	
Efficient-core base frequency	1.7 GHz	Hall sensor	✓
Low Power Efficient-core Base Frequency	1700 MHz	Keyboard	
Processor cache	12 MB	Pointing device	Touchpad
Processor cache type	Smart Cache		
Processor socket	FCBGA2540		

Processor		Keyboard	
Processor base power	25 W	Numeric keypad *	✗
Maximum turbo power	55 W	Keyboard backlit	✓
Neural processor unit (NPU)		Keyboard layout	QWERTY
Copilot+ PC	✓	Keyboard language	Spanish
Neural processor unit (NPU)	Intel AI Boost	Copilot key	✓
Sparsity support	✓	Software	
Windows Studio effects support	✓	Operating system installed *	Windows 11 Home
AI software frameworks supported by NPU	OpenVINO, Windows ML, ONNX RT, DirectML, WebNN	Processor special features	
NPU performance up to	49 TOPs	Intel® AES New Instructions (Intel® AES-NI)	✓
GPU performance up to	40 TOPs	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel® Secure Key	✓
Internal memory *	16 GB	Intel® OS Guard	✓
Internal memory type	LPDDR5x-SDRAM	Supported instruction sets	SSE4.2, SSE4.1, AVX 2.0
Memory form factor	On-board	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory channels	Dual-channel	Intel Virtualization Technology (VT-x)	✓
Memory data transfer rate	7467 MT/s	Battery	
Storage		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	1 TB	Number of battery cells	4
Storage media *	SSD	Battery capacity	3940 mAh
Total SSDs capacity	1 TB	Battery capacity *	61.2 Wh
Number of SSDs installed	1	Battery voltage	15.52 V
SSD capacity	1 TB	Continuous video playback time	24 h
SSD interface	M.2, PCI Express 4.0	Battery recharge time	1.5 h
NVMe	✓	Fast charging	✓
SSD form factor	M.2	Power	
Optical drive type *	✗	AC adapter power	45 W
Card reader integrated	✓	USB Type-C charging port *	✓
Compatible memory cards	MicroSD (TransFlash)	USB Type-C required charging power (min) *	40 W
Graphics		USB Type-C required charging power (max) *	45 W
Discrete graphics card model *	Not available	USB Power Delivery (USB PD)	✓
On-board graphics card *	✓	Security	
On-board GPU manufacturer	Intel	Cable lock slot	✓
Discrete graphics card *	✗	Cable lock slot type	Kensington
On-board graphics card family	Intel® Graphics	Fingerprint reader	✓
On-board graphics card model *	Intel® Graphics	Trusted Platform Module (TPM)	✓
On-board graphics card cores	4	Trusted Platform Module (TPM) version	2.0
On-board graphics card 4K support	✓	Weight & dimensions	
On-board graphics card 8K support	✓	Width	357.1 mm
Graphics card Open GL support	✓	Depth	248 mm
		Height	16.8 mm
		Weight *	1.84 kg



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