

Samsung Galaxy Book6 NP760XJGF-EXP Copilot+ PC Intel Core Ultra 7 355 Laptop 40.6 cm (16") Touchscreen WUXGA 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Dutch Silver



Brand : Samsung

Product family: Galaxy Book6

Product code: NP760XJG-KS2NL

Product name : NP760XJGF-EXP

Samsung Galaxy Book6 NP760XJGF-EXP. 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: Silver

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

Processor		Ports & interfaces	
Processor base power	25 W	Combo headphone/mic port	✓
Maximum turbo power	55 W	Performance	
Neural processor unit (NPU)		Hall sensor	✓
Copilot+ PC	✓	Keyboard	
Neural processor unit (NPU)	Intel AI Boost	Pointing device	Touchpad
Sparsity support	✓	Numeric keypad *	✗
Windows Studio effects support	✓	Keyboard backlit	✓
AI software frameworks supported by NPU	OpenVINO, Windows ML, ONNX RT, DirectML, WebNN	Keyboard layout	QWERTY
NPU performance up to	49 TOPs	Keyboard language	Dutch
GPU performance up to	40 TOPs	Copilot key	✓
Memory		Software	
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	LPDDR5x-SDRAM	Battery	
Memory form factor	On-board	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	16 GB	Number of battery cells	4
Memory channels	Dual-channel	Battery capacity *	61.2 Wh
Memory data transfer rate	7467 MT/s	Continuous video playback time	24 h
Storage		Battery recharge time	1.5 h
Total storage capacity *	1 TB	Fast charging	✓
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	45 W
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	1 TB	USB Type-C required charging power (min) *	40 W
SSD interface	M.2, PCI Express 4.0	USB Type-C required charging power (max) *	45 W
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	Security	
Optical drive type *	✗	Cable lock slot	✓
Card reader integrated	✓	Cable lock slot type	Kensington
Compatible memory cards	MicroSD (TransFlash)	Fingerprint reader	✓
Graphics		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	Intel	Width	357.1 mm
Discrete graphics card *	✗	Depth	248 mm
On-board graphics card family	Intel® Graphics	Height	16.8 mm
On-board graphics card model *	Intel® Graphics	Weight *	1.84 kg



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