

Samsung Galaxy Book6 NP760VJGF-EXP Intel Core Ultra 7 355 Laptop 40.6 cm (16") WUXGA 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Dutch Grey

Brand : Samsung

Product family: Galaxy Book6 **Product code:** NP760VJG-KG3NL

Product name : NP760VJGF-EXP



Samsung Galaxy Book6 NP760VJGF-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. 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. Weight: 1.75 kg

Design		Audio	
Product type *	Laptop	Built-in microphone	✓
Product colour *	Grey	Number of microphones	2
Form factor *	Clamshell	Camera	
Introduction year	2026	Front camera	✓
Original brand name	Samsung	Front camera resolution (numeric)	2 MP
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1200 pixels	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)
HD type	WUXGA	Mobile network connection *	✗
Panel type	IPS	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Native aspect ratio	16:10	WLAN controller model	Intel Wi-Fi 6E AX211
Anti-glare screen	✓	WLAN controller manufacturer	Intel
Display brightness	350 cd/m ²	Ethernet LAN	✓
Display diagonal (metric)	40.6 cm	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	60 Hz	Bluetooth	✓
Processor		Bluetooth version	5.4
Processor manufacturer *	Intel	MIMO	✓
Processor family *	Intel Core Ultra 7	Ports & interfaces	
Processor generation	Intel® Core™ Ultra (Series 3)	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor model *	355	Ethernet LAN (RJ-45) ports	1
Processor cores	8	HDMI ports quantity *	1
Processor boost frequency	4.7 GHz	HDMI version	1.4b
Performance cores	4	Combo headphone/mic port	✓
Low Power Efficient-cores	4	Performance	
Performance-core Max Turbo Frequency	4.7 GHz	Hall sensor	✓
Efficient-core Max Turbo Frequency	1.7 GHz	Keyboard	
Low Power Efficient-core Max Turbo Frequency	3.5 GHz	Pointing device	Touchpad
Performance-core base frequency	2.3 GHz	Numeric keypad *	✗
Efficient-core base frequency	1.7 GHz	Keyboard backlit	✓
Low Power Efficient-core Base Frequency	1.7 MHz	Keyboard layout	QWERTY
Processor cache	12 MB		
Processor cache type	Smart Cache		

Processor		Keyboard	
Processor base power	25 W	Keyboard language	Dutch
Maximum turbo power	55 W	Copilot key	✓
Memory		Software	
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	LPDDR5x-SDRAM	Processor special features	
Memory form factor	On-board	Intel® AES New Instructions (Intel® AES-NI)	✓
Maximum internal memory *	16 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Memory channels	Dual-channel	Intel® Secure Key	✓
Memory data transfer rate	7467 MT/s	Intel® OS Guard	✓
Storage		Supported instruction sets	SSE4.2, SSE4.1, AVX 2.0
Total storage capacity *	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	SSD	Intel Virtualization Technology (VT-x)	✓
Total SSDs capacity	1 TB	Battery	
Number of SSDs installed	1	Battery technology	Lithium-Ion (Li-Ion)
SSD capacity	1 TB	Number of battery cells	4
SSD interface	M.2, PCI Express 4.0	Battery capacity	3940 mAh
NVMe	✓	Battery capacity *	61.2 Wh
SSD form factor	M.2	Battery voltage	15.52 V
Optical drive type *	✗	Continuous video playback time	24 h
Card reader integrated	✓	Battery recharge time	1.5 h
Compatible memory cards	MicroSD (TransFlash)	Fast charging	✓
Graphics		Power	
Discrete graphics card model *	Not available	AC adapter power	45 W
On-board graphics card *	✓	USB Type-C charging port *	✓
On-board GPU manufacturer	Intel	USB Type-C required charging power (min) *	40 W
Discrete graphics card *	✗	USB Type-C required charging power (max) *	45 W
On-board graphics card family	Intel® Graphics	USB Power Delivery (USB PD)	✓
On-board graphics card model *	Intel® Graphics	Security	
On-board graphics card cores	4	Cable lock slot	✓
On-board graphics card 4K support	✓	Cable lock slot type	Kensington
On-board graphics card 8K support	✓	Fingerprint reader	✓
Graphics card Open GL support	✓	Trusted Platform Module (TPM)	✓
Audio		Trusted Platform Module (TPM) version	2.0
Audio system	Dolby Atmos	Weight & dimensions	
Number of built-in speakers	2	Width	357.1 mm
Speaker power	2 W	Depth	248 mm
		Height	14.9 mm
		Weight *	1.75 kg



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