

## Samsung Galaxy Book6 NP740VJGF-EXP Copilot+ PC Intel Core Ultra 7 355 Laptop 35.6 cm (14") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Grey



**Brand :** Samsung

**Product family:** Galaxy Book6 **Product code:** NP740VJG-KG2NL

**Product name :** NP740VJGF-EXP

Samsung Galaxy Book6 NP740VJGF-EXP. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 355. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Home. Product colour: Grey. Weight: 1.43 kg

Design		Graphics	
Product type *	Laptop	Discrete graphics card *	✗
Product colour *	Grey	On-board graphics card family	Intel® Graphics
Form factor *	Clamshell	On-board graphics card model *	Intel® Graphics
Introduction year	2026	On-board graphics card cores	4
Original brand name	Samsung	On-board graphics card 4K support	✓
<b>Display</b>		On-board graphics card 8K support	✓
Display diagonal *	35.6 cm (14")	Graphics card Open GL support	✓
Display resolution *	1920 x 1200 pixels	<b>Audio</b>	
Touchscreen *	✗	Audio system	Dolby Atmos
HD type	WUXGA	Number of built-in speakers	2
Panel type	IPS	Built-in microphone	✓
Native aspect ratio	16:10	Number of microphones	2
Anti-glare screen	✓	<b>Camera</b>	
Display brightness	350 cd/m <sup>2</sup>	Front camera	✓
Display diagonal (metric)	35.6 cm	Front camera resolution (numeric)	2 MP
<b>Processor</b>		<b>Network</b>	
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	Ethernet LAN	✓
Processor threads	8	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor boost frequency	4.7 GHz	Bluetooth	✓
Performance cores	4	Bluetooth version	5.4
Low Power Efficient-cores	4	MIMO	✓
Performance-core Max Turbo Frequency	4.7 GHz	<b>Ports &amp; interfaces</b>	
Low Power Efficient-core Max Turbo Frequency	3.5 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Performance-core base frequency	2.3 GHz	Ethernet LAN (RJ-45) ports	1
Low Power Efficient-core Base Frequency	1700 MHz	HDMI ports quantity *	1
Processor cache	12 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache		
Processor socket	FCBGA2540		

<b>Processor</b>		<b>Performance</b>	
Processor base power	25 W	Hall sensor	✓
Maximum turbo power	55 W	<b>Keyboard</b>	
<b>Neural processor unit (NPU)</b>		Pointing device	Touchpad
Copilot+ PC	✓	Numeric keypad *	✗
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit	✓
Sparsity support	✓	Copilot key	✓
Windows Studio effects support	✓	<b>Software</b>	
AI software frameworks supported by NPU	OpenVINO, Windows ML, WebNN, ONNX RT, DirectML	Operating system installed *	Windows 11 Home
NPU performance up to	49 TOPs	<b>Battery</b>	
<b>Memory</b>		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	16 GB	Battery capacity *	61.2 Wh
Internal memory type	LPDDR5x-SDRAM	Continuous video playback time (max)	24 h
Memory form factor	On-board	Fast charging	✓
Maximum internal memory *	16 GB	<b>Power</b>	
<b>Storage</b>		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Type-C required charging power (min) *	40 W
Storage media *	SSD	USB Type-C required charging power (max) *	45 W
Total SSDs capacity	512 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	<b>Security</b>	
SSD capacity	512 GB	Cable lock slot	✓
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	<b>Weight &amp; dimensions</b>	
Card reader integrated	✓	Width	313.4 mm
Compatible memory cards	MicroSD (TransFlash)	Depth	221.1 mm
<b>Graphics</b>		Height	14.9 mm
Discrete graphics card model *	Not available	Weight *	1.43 kg
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		



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