SAMSUNG

Samsung Galaxy Book6 Intel Core 5 315 Laptop 35.6 cm (14") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Grey German



Brand : Samsung **Product family:** Galaxy Book6 **Product code:** NP740VJK-KG7DE

Product name : Galaxy Book6

- Windows 11 Home
- Intel Core 5 315 (6MB Cache)
- 14" WUXGA 1920 x 1200 IPS
- 16GB LPDDR5x-SDRAM & 512GB SSD

Intel Core 5 315 (6MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 14" WUXGA 1920 x 1200 IPS, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Home

Samsung Galaxy Book6 . Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 5, Processor model: 315. 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: 1.35 kg



Design	
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell
Introduction year	2026
Certified refurbished	✗
Original brand name	Samsung

Display	
Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	WUXGA
Panel type	IPS
Native aspect ratio	16:10
Anti-glare screen	✓
Display brightness	350 cd/m²
Display diagonal (metric)	35.6 cm

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core 5
Processor generation	Intel Core (Series 3)
Processor model *	315
Processor cores	6
Processor threads	6
Processor boost frequency	4.4 GHz
Performance cores	2
Low Power Efficient-cores	4
Performance-core Max Turbo Frequency	4.4 GHz

Graphics	
On-board graphics card family	Intel® Graphics
On-board graphics card model *	Intel® Graphics
On-board graphics card cores	4
On-board graphics card 4K support	✓
On-board graphics card 8K support	✓
Graphics card Open GL support	✓

Audio	
Audio system	Dolby Atmos
Number of built-in speakers	2
Built-in microphone	✓
Number of microphones	2

Camera	
Front camera	✓
Front camera resolution (numeric)	2 MP
Front camera HD type	Full HD

Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
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)
Mobile network connection *	✗
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Ethernet LAN	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✓
Bluetooth version	5.4
MIMO	✓

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Processor	
Low Power Efficient-core Max Turbo Frequency	3.3 GHz
Performance-core base frequency	1.5 GHz
Low Power Efficient-core Base Frequency	1400 MHz
Processor cache	6 MB
Processor cache type	Smart Cache
Processor socket	FCBGA1516
Processor base power	15 W
Maximum turbo power	35 W

Neural processor unit (NPU)	
Copilot+ PC	✗
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✓
Windows Studio effects support	✓
AI software frameworks supported by NPU	OpenVINO, Windows ML, ONNX RT, WebNN
NPU performance up to	15 TOPs
GPU performance up to	18 TOPs

Memory	
Internal memory *	16 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board
Maximum internal memory *	16 GB

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
NVMe	✓
SSD form factor	M.2
Optical drive type *	✗
Card reader integrated	✓
Compatible memory cards	MicroSD (TransFlash)

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✗

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
Combo headphone/mic port	✓

Performance	
Hall sensor	✓

Keyboard	
Pointing device	Clickpad
Numeric keypad *	✗
Keyboard backlit	✓
Keyboard language	German
Copilot key	✓

Software	
Operating system installed *	Windows 11 Home

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	61.2 Wh
Continuous video playback time (max)	24 h
Fast charging	✓

Power	
USB Type-C charging port *	✓
USB Type-C required charging power (min) *	40 W
USB Type-C required charging power (max) *	45 W
USB Power Delivery (USB PD)	✓

Security	
Cable lock slot	✓
Fingerprint reader	✓
Trusted Platform Module (TPM)	✓

Weight & dimensions	
Width	313 mm
Depth	221 mm
Height	15.7 mm
Weight *	1.35 kg

Packaging content	
AC adapter included *	✗

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