SAMSUNG

Samsung Galaxy Book6 Enterprise Edition Copilot+ PC Intel Core Ultra 5 325 Laptop 40.6 cm (16") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Grey Italian

Brand : Samsung **Product family:** Galaxy Book6 **Product code:** NP764BJG-CG1US

Product name : Galaxy Book6 Enterprise Edition

- Windows 11 Home
- Intel Core Ultra 5 325 (12MB Cache)
- 16" WUXGA 1920 x 1200 IPS
- 16GB LPDDR5x-SDRAM & 512GB SSD

Intel Core Ultra 5 325 (12MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 16" WUXGA 1920 x 1200 IPS, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Home

Samsung Galaxy Book6 Enterprise Edition. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 325. 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: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Home. Product colour: Grey. Weight: 1.84 kg

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

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
HD type	WUXGA
Panel type	IPS
Native aspect ratio	16:10
Display brightness	350 cd/m²
Display diagonal (metric)	40.6 cm

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 5
Processor generation	Intel® Core™ Ultra (Series 3)
Processor model *	325
Processor cores	8
Processor threads	8
Processor boost frequency	4.5 GHz
Performance cores	4
Low Power Efficient-cores	4
Performance-core Max Turbo Frequency	4.5 GHz
Low Power Efficient-core Max Turbo Frequency	3.4 GHz
Performance-core base frequency	2.1 GHz
Low Power Efficient-core Base Frequency	1600 MHz
Processor cache	12 MB
Processor cache type	Smart Cache
Processor socket	FCBGA2540

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

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	✔

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	✔

Processor	
Processor base power	25 W
Maximum turbo power	55 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, DirectML, WebNN
NPU performance up to	47 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 *	✘

Performance	
Hall sensor	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✘
Keyboard backlit	✔
Keyboard language	Italian
Copilot key	✔

Software	
Operating system installed *	Windows 11 Home

Battery	
Battery technology	Lithium-Ion (Li-Ion)
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	357.1 mm
Depth	248 mm
Height	16.8 mm
Weight *	1.84 kg

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