

Samsung Galaxy Book6 Enterprise Edition Copilot+ PC Intel Core Ultra 7 355 Laptop 35.6 cm (14") WUXGA 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : Samsung Product family: Galaxy Book6 Product code: NP744BJG-KG3UK

Product name : Galaxy Book6 Enterprise Edition

- Defence grade built-in Knox Security
- Powered by the latest Intel® Core™ Ultra Series 3
- Perfect work companion with Galaxy AI
14" 1920 x 1200 WUXGA, Intel Core Ultra 7 355, 32 GB LPDDR5X-SDRAM, 512 GB SSD, Intel Graphics, WLAN 802.11, WebCam, Windows 11 Pro
Samsung Galaxy Book6 Enterprise Edition. 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: 32 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 Pro. Product colour: Grey. Weight: 1.43 kg



Design		Graphics	
Colour name	Mocha Gray	On-board graphics card 8K support	✓
Product type *	Laptop	Graphics card Open GL support	✓
Product colour *	Grey	Audio	
Form factor *	Clamshell	Audio system	Dolby Atmos
Market positioning	Business	Number of built-in speakers	2
Original brand name	Samsung	Built-in microphone	✓
Display		Number of microphones	2
Display diagonal *	35.6 cm (14")	Speakers	Stereo Speakers
Display resolution *	1920 x 1200 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	WUXGA	Front camera resolution (numeric)	2 MP
Panel type	IPS	Infrared (IR) camera	✓
Native aspect ratio	16:10	Network	
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display brightness	350 cd/m²	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)
Display diagonal (metric)	35.6 cm	Mobile network connection *	✗
Processor		Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor family *	Intel Core Ultra 7	Ethernet LAN data rates	1000,10,100 Mbit/s
Processor generation	Intel® Core™ Ultra (Series 3)	Bluetooth	✓
Processor model *	355	Bluetooth version	5.4
Processor cores	8	MIMO	✓
Processor threads	8	Ports & interfaces	
Processor boost frequency	4.7 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Performance cores	4	Ethernet LAN (RJ-45) ports	1
Low Power Efficient-cores	4	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	4.7 GHz	Combo headphone/mic port	✓
Low Power Efficient-core Max Turbo Frequency	3.5 GHz		
Performance-core base frequency	2.3 GHz		
Low Power Efficient-core Base Frequency	1700 MHz		

Processor		Performance	
Processor cache	12 MB	Hall sensor	✓
Processor cache type	Smart Cache	Keyboard	
Processor socket	FCBGA2540	Keyboard type	Pro keyboard
Processor base power	25 W	Pointing device	Clickpad
Maximum turbo power	55 W	Numeric keypad *	✗
Neural processor unit (NPU)		Keyboard backlit	✓
Copilot+ PC	✓	Copilot key	✓
Neural processor unit (NPU)	Intel AI Boost	Software	
Sparsity support	✓	Operating system installed *	Windows 11 Pro
Windows Studio effects support	✓	Battery	
AI software frameworks supported by NPU	Windows ML, OpenVINO, ONNX RT, WebNN	Battery technology	Lithium-Ion (Li-Ion)
NPU performance up to	49 TOPs	Battery capacity *	61.2 Wh
Memory		Continuous video playback time (max)	24 h
Internal memory *	32 GB	Fast charging	✓
Internal memory type	LPDDR5x-SDRAM	Power	
Memory form factor	On-board	AC adapter power	45 W
Maximum internal memory *	32 GB	USB Type-C charging port *	✓
Storage		USB Type-C required charging power (min) *	40 W
Total storage capacity *	512 GB	USB Type-C required charging power (max) *	45 W
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	512 GB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	512 GB	Cable lock slot type	Kensington
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Windows Hello	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Weight & dimensions	
Compatible memory cards	MicroSD (TransFlash)	Width	313.4 mm
Graphics		Depth	221.1 mm
Discrete graphics card model *	Not available	Height	14.9 mm
On-board graphics card *	✓	Width (imperial)	31.3 cm (12.3")
On-board GPU manufacturer	Intel	Height (imperial)	1.5 cm (0.59")
Discrete graphics card *	✗	Weight *	1.43 kg
On-board graphics card family	Intel® Graphics	Weight (imperial)	1.43 kg (3.15 lbs)
On-board graphics card model *	Intel® Graphics	Packaging content	
On-board graphics card cores	4	AC adapter included *	✓
On-board graphics card 4K support	✓	Manual	✓
		Other features	
		Warranty period	3 year(s)



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