

Samsung Galaxy Book4 Ultra NP964XGL-XG1UK laptop Intel Core Ultra 7 155H 40.6 cm (16") Touchscreen WQXGA+ 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : Samsung

Product family: Galaxy Book4 Ultra

Product code: NP964XGL-XG1UK

Product name : NP964XGL-XG1UK

- Windows 11 Pro
  - Next-level performance with an intelligent Intel® Core™ Ultra processor
  - Vibrant and high resolution Dynamic AMOLED 2X touchscreen
  - Amp up creativity with NVIDIA® GeForce RTX™ graphics
- NP964XGL-XG1UK

Samsung Galaxy Book4 Ultra NP964XGL-XG1UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 40.6 cm (16"), HD type: WQXGA+, Display resolution: 2880 x 1800 pixels, Touchscreen. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey



Design		Storage	
Product type *	Laptop	Optical drive type *	✗
Product colour *	Grey	Card reader integrated	✓
Form factor *	Clamshell	Compatible memory cards	MicroSD (TransFlash)
Display		Graphics	
Display diagonal *	40.6 cm (16")	Discrete graphics card model *	NVIDIA GeForce RTX 4050
Display resolution *	2880 x 1800 pixels	Discrete graphics card memory	6 GB
Touchscreen *	✓	Discrete graphics memory type	GDDR6
HD type	WQXGA+	On-board graphics card *	✓
Panel type	AMOLED	On-board GPU manufacturer	Intel
Maximum refresh rate	120 Hz	Discrete graphics card *	✓
Processor		On-board graphics card family	Intel Arc Graphics
Processor manufacturer *	Intel	On-board graphics card model *	Intel Arc Graphics
Processor family *	Intel Core Ultra 7	Audio	
Processor generation	Intel® Core™ Ultra (Series 1)	Audio system	Dolby Atmos
Processor model *	155H	Number of built-in speakers	4
Processor cores	16	Built-in microphone	✓
Processor threads	22	Number of microphones	2
Processor boost frequency	4.8 GHz	Camera	
Performance cores	6	Front camera	✓
Efficient cores	8	Front camera resolution (numeric)	2 MP
Low Power Efficient-cores	2	Network	
Performance-core Max Turbo Frequency	4.8 GHz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Efficient-core Max Turbo Frequency	3.8 GHz	Mobile network connection *	✗
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Bluetooth	✓
Performance-core base frequency	1.4 GHz	Bluetooth version	5.3
Efficient-core base frequency	0.9 GHz	Ports & interfaces	
Low Power Efficient-core Base Frequency	700 MHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor cache	24 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	HDMI version	2.1a
Processor base power	28 W	Thunderbolt 4 ports quantity	2
Maximum turbo power	115 W	Intel® Thunderbolt 4	✓
		Headphone outputs	1
		Microphone in	✓

Neural processor unit (NPU)		Keyboard	
Neural processor unit (NPU)	Intel AI Boost	Pointing device	Clickpad
Maximum frequency NPU	1.4 GHz	Numeric keypad *	✓
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓	Software	
AI datatype support on NPU	FP16, FP32, Int8	Operating system installed *	Windows 11 Pro
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery	
Memory		Battery capacity *	76 Wh
Internal memory *	32 GB	Power	
Internal memory type	LPDDR5x-SDRAM	AC adapter power	140 W
Memory form factor	On-board	Security	
Maximum internal memory *	32 GB	Fingerprint reader	✓
Storage		Trusted Platform Module (TPM)	✓
Total storage capacity *	1 TB	Weight & dimensions	
Storage media *	SSD	Width	355.4 mm
Number of SSDs installed	1	Depth	250.4 mm
SSD capacity	1 TB	Height	16.5 mm
NVMe	✓	Weight *	1.86 kg



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