

Samsung Intel Core Ultra 5 226V 16GB RAM 256GB SSD 14" Touchscreen WQXGA+ AMOLED Windows 11 Pro Laptop

Brand : Samsung

Product code: NP944XHA-KG3UK

Product name : Intel Core Ultra 5 226V 16GB RAM 256GB SSD 14" Touchscreen WQXGA+ AMOLED Windows 11 Pro Laptop



Galaxy Book5 Pro (14", Core Ultra 5, 16GB), a Copilot+ PC
Samsung Intel Core Ultra 5 226V 16GB RAM 256GB SSD 14" Touchscreen WQXGA+ AMOLED Windows 11 Pro Laptop. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 226V. Display diagonal: 35.6 cm (14"), HD type: WQXGA+, Display resolution: 2880 x 1800 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 130V. Operating system installed: Windows 11 Pro. Product colour: Grey

Design		Camera				
Product type *	Laptop	Front camera HD type	Full HD			
Product colour *	Grey	Network				
Form factor *	Clamshell					
Display						
Display diagonal *	35.6 cm (14")					
Display resolution *	2880 x 1800 pixels					
Touchscreen *	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)			
HD type	WQXGA+	Mobile network connection *	✗			
Panel type	AMOLED	Antenna type	2x2			
Display technology marketing name	Dynamic AMOLED 2X	Bluetooth	✓			
Native aspect ratio	16:10	Bluetooth version	5.4			
Anti-reflective coating	✓	Ports & interfaces				
Display brightness	400 cd/m²					
Maximum display brightness (HDR)	500 cd/m²					
RGB colour space	DCI-P3					
Maximum refresh rate	120 Hz					
High Dynamic Range (HDR) supported	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1			
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 500	HDMI ports quantity *	1			
Processor		HDMI version	2.1			
		Processor manufacturer *	Intel	Thunderbolt 4 ports quantity	2	
		Processor family *	Intel Core Ultra 5	Intel® Thunderbolt 4	✓	
		Processor generation	Intel Core Ultra (Series 2)	Combo headphone/mic port	✓	
		Processor model *	226V	Performance		
Processor boost frequency	4.5 GHz	Ambient light sensor	✓			
Processor cache	8 MB	Repairability index	8.7			
Processor cache type	Last Level Cache	Keyboard				
Neural processor unit (NPU)						
Copilot+ PC	✓			Keyboard type	Pro keyboard	
Neural processor unit (NPU)	Intel AI Boost			Pointing device	Clickpad	
Memory				Numeric keypad *	✗	
		Internal memory *	16 GB	Keyboard backlit	✓	
		Internal memory type	LPDDR5x-SDRAM	Keyboard layout	QWERTY	
		Memory form factor	On-package	Keyboard language	UK English	
		Storage		Software		
Total storage capacity *	256 GB					Galaxy Book Experience, Multi Control, Second Screen, Samsung Notes, Samsung Gallery, Quick Share, Samsung Account, Samsung Settings, AI Select, SmartThings, Quick Search, Samsung Device Care, Screen Recorder, Live Wallpaper, Bixby, Samsung Find, Samsung Flow, Samsung Studio, Phone, Galaxy Book Smart Switch, Samsung Pass
Storage media *	SSD					
Pre-installed software						
Operating system installed *						

Storage		Software		
Total SSDs capacity	256 GB	Bundled software	Galaxy Book Experience	
Number of SSDs installed	1		Multi Control	
SSD capacity	256 GB		Second Screen	
NVMe	✓		Samsung Notes	
Optical drive type *	✗		Samsung Gallery	
Card reader integrated	✓		Quick Share	
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC		Samsung Account	
			Samsung Settings	
Graphics		Bundled software	AI Select	
Discrete graphics card model *	Not available		SmartThings	
On-board graphics card *	✓		Quick Search	
On-board GPU manufacturer	Intel		Samsung Device Care	
Discrete graphics card *	✗		Screen Recorder	
On-board graphics card family	Intel Arc Graphics		Live Wallpaper	
On-board graphics card model *	Intel Arc Graphics 130V		Bixby	
On-board graphics card memory	8 GB		Samsung Find	
Audio		Battery	Samsung Flow	
Audio system	Smart Amp		Samsung Studio	
Number of built-in speakers	4		Phone	
Built-in microphone	✓		Galaxy Book Smart Switch	
Number of microphones	2		Samsung Pass	
Speakers	Quad Speakers		* Software can be changed without notice.	
Camera		Power		
Front camera	✓			
Front camera resolution (numeric)	2 MP			
Front camera resolution	1920 x 1080 pixels			
		Security		
			Fingerprint reader	✓
			Trusted Platform Module (TPM)	✓
		Operational conditions		
			Operating temperature (T-T)	10 - 35 °C
			Storage temperature (T-T)	-5 - 40 °C
			Operating relative humidity (H-H)	20 - 80%
			Storage relative humidity (H-H)	5 - 90%
		Weight & dimensions		
			Width	312.3 mm
			Depth	223.8 mm
			Height	11.6 mm
			Depth (imperial)	22.4 cm (8.81")
			Height (imperial)	1.17 cm (0.46")
			Weight *	1.23 kg
			Weight (imperial)	1.23 kg (2.71 lbs)
		Packaging content		
			AC adapter included *	✓
		Cables included	USB Type-C	

Other features

Comments

* Actual speed of USB can vary depending on user environment
* Weights and height vary depending on manufacturing process
* Please contact Samsung Call Center or Samsung Authorized Service Centers before you replace or add storage and memory for compatibility check
* Typical value of battery capacity tested under third-party laboratory condition. Typical value is the estimated average value considering the deviation in battery capacity among the battery samples tested under IEC 61960 standard. Rated (minimum) capacity is 62.2 Wh. Actual battery life may vary depending on network environment, usage patterns and other factors.
* Screen size is measured diagonally as a full rectangle without accounting for the rounded corners. Actual viewable area is less due to the rounded corners.

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