

Samsung Galaxy Book3 Pro NP964XFG-KC1FR laptop Intel® Core™ i7 i7-1360P 40,6 cm (16") WQXGA+ 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Graphite

Brand : Samsung Product family: Galaxy Book3 Pro Article code: NP964XFG-KC1FR

Product name : NP964XFG-KC1FR

Samsung Galaxy Book3 Pro NP964XFG-KC1FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1360P. Display diagonal: 40,6 cm (16"), HD type: WQXGA+, Display resolution: 2880 x 1800 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product color: Graphite. Weight: 1,56 kg



Design		Audio	
Product type *	Laptop	Speakers manufacturer	AKG
Product colour *	Graphite	Built-in microphone	✓
Form factor *	Clamshell	Number of microphones	2
Housing material	Aluminium	Camera	
Introduction year	2023	Front camera	✓
Original brand name	Samsung	Front camera resolution	1920 x 1080 pixels
Display		Front camera HD type	Full HD
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	2880 x 1800 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
HD type	WQXGA+	Mobile network connection *	✗
Panel type	AMOLED	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.1
Display brightness	400 cd/m²	MIMO	✓
Pixel density	215 ppi	Ports & interfaces	
Display diagonal (metric)	40.6 cm	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Maximum refresh rate	120 Hz	HDMI ports quantity *	1
Contrast ratio (typical)	1000000:1	Thunderbolt 4 ports quantity	2
High Dynamic Range (HDR) supported	✓	Intel® Thunderbolt 4	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Combo headphone/mic port	✓
Processor		Charging port type	USB Type-C
Processor manufacturer *	Intel	Performance	
Processor family *	Intel® Core™ i7	GPS (satellite)	✓
Processor generation	13th gen Intel® Core™ i7	Keyboard	
Processor model *	i7-1360P	Pointing device	Touchpad
Processor cores	12	Numeric keypad *	✓
Processor boost frequency	5 GHz	Keyboard backlit	✓
Efficient-core boost frequency	3.7 GHz	Software	
Processor cache	18 MB	Operating system installed *	Windows 11 Pro
Processor cache type	Smart Cache		
Configurable TDP-down	20 W		
Memory			
Internal memory *	16 GB		

Memory		Processor special features	
Internal memory type	LPDDR5-SDRAM	Intel® Evo™ Platform Verified	✓
Memory clock speed	6000 MHz	Intel Flex Memory Access	✓
Storage		Intel Trusted Execution Technology	✓
Total storage capacity *	512 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Storage media *	SSD	Execute Disable Bit	✓
Total SSDs capacity	512 GB	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	512 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
NVMe	✓	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✗	Battery	
Card reader integrated	✓	Battery technology	Lithium-Ion (Li-Ion)
Compatible memory cards	MicroSD (TransFlash)	Battery capacity *	76 Wh
Graphics		Fast charging	✓
Discrete graphics card model *	Not available	Power	
On-board graphics card *	✓	AC adapter power	65 W
On-board GPU manufacturer	Intel	Security	
Discrete graphics card *	✗	Fingerprint reader	✓
On-board graphics card family	Intel Iris Xe Graphics	Trusted Platform Module (TPM)	✓
On-board graphics card model *	Intel Iris Xe Graphics	Weight & dimensions	
On-board graphics card 4K support	✓	Width	355.4 mm
On-board graphics card 6K support	✓	Depth	250.4 mm
Graphics card Open GL support	✓	Height	12.5 mm
Audio		Weight *	1.56 kg
Audio system	Dolby Atmos	Packaging data	
Number of built-in speakers	4	Package width	456.4 mm
		Package depth	292.2 mm
		Package height	43.5 mm
		Packaging content	
		Cables included	USB Type-C



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