

## Samsung Galaxy Book6 Pro NP940XJGE-EXP Intel Core Ultra 7 356H Laptop 35.6 cm (14") Touchscreen WQXGA+ 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Dutch Grey



**Brand :** Samsung

**Product family:** Galaxy Book6 Pro **Product code:** NP940XJG-KG3NL

**Product name :** NP940XJGE-EXP

Samsung Galaxy Book6 Pro NP940XJGE-EXP. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 356H. Display diagonal: 35.6 cm (14"), 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® Graphics. Operating system installed: Windows 11 Home. Product colour: Grey

Design		Graphics	
Product type *	Laptop	On-board GPU manufacturer	Intel
Product colour *	Grey	Discrete graphics card *	✗
Form factor *	Clamshell	On-board graphics card family	Intel® Graphics
Housing material	Metal	On-board graphics card model *	Intel® Graphics
Introduction year	2026	On-board graphics card cores	4
Original brand name	Samsung	On-board graphics card 4K support	✓
		On-board graphics card 8K support	✓
		Graphics card Open GL support	✓
Display		Audio	
Display diagonal *	35.6 cm (14")	Audio system	Dolby Atmos
Display resolution *	2880 x 1800 pixels	Number of built-in speakers	2
Touchscreen *	✓	Built-in microphone	✓
HD type	WQXGA+	Number of microphones	2
Panel type	AMOLED	Camera	
Display technology marketing name	Dynamic AMOLED 2X	Front camera	✓
Native aspect ratio	16:10	Front camera resolution (numeric)	2 MP
Anti-reflective coating	✓	Network	
Maximum display brightness (HDR)	1000 cd/m <sup>2</sup>	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Standard Dynamic Range (SDR) brightness	500 cd/m <sup>2</sup>	Wi-Fi standards	802.11a, 802.11b, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be), 802.11g
Display diagonal (metric)	35.6 cm	Mobile network connection *	✗
Maximum refresh rate	120 Hz	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
High Dynamic Range (HDR) supported	✓	Bluetooth	✓
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	Bluetooth version	5.4
Processor		MIMO	✓
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel Core Ultra 7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor generation	Intel® Core™ Ultra (Series 3)	HDMI ports quantity *	1
Processor model *	356H	HDMI version	2.1
Processor cores	16	Thunderbolt 4 ports quantity	2
Processor boost frequency	4.7 GHz	Intel® Thunderbolt 4	✓
Performance cores	4	Combo headphone/mic port	✓
Efficient cores	8	Performance	
Low Power Efficient-cores	4	Ambient light sensor	✓
Performance-core Max Turbo Frequency	4.7 GHz		
Efficient-core Max Turbo Frequency	3.5 GHz		
Low Power Efficient-core Max Turbo Frequency	3.3 GHz		
Performance-core base frequency	1.9 GHz		
Efficient-core base frequency	1.5 GHz		

<b>Processor</b>		<b>Performance</b>	
Low Power Efficient-core Base Frequency	1.5 MHz	Hall sensor	✓
Processor cache	18 MB	<b>Keyboard</b>	
Processor base power	25 W	Pointing device	Touchpad
Maximum turbo power	80 W	Numeric keypad *	✗
<b>Memory</b>		Keyboard backlit	✓
Internal memory *	32 GB	Keyboard layout	QWERTY
Internal memory type	LPDDR5x-SDRAM	Keyboard language	Dutch
Memory form factor	On-board	Copilot key	✓
Maximum internal memory *	32 GB	<b>Software</b>	
<b>Storage</b>		Operating system installed *	Windows 11 Home
Total storage capacity *	1 TB	<b>Battery</b>	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	1 TB	Battery capacity *	67.18 Wh
Number of SSDs installed	1	Fast charging	✓
SSD capacity	1 TB	<b>Power</b>	
NVMe	✓	USB Type-C charging port *	✓
SSD form factor	M.2	USB Type-C required charging power (min) *	60 W
Optical drive type *	✗	USB Type-C required charging power (max) *	65 W
<b>Graphics</b>		USB Power Delivery (USB PD)	✓
Discrete graphics card model *	Not available	<b>Security</b>	
On-board graphics card *	✓	Fingerprint reader	✓
		Trusted Platform Module (TPM)	✓
		<b>Weight &amp; dimensions</b>	
		Width	314.2 mm
		Depth	220.6 mm
		Height	11.6 mm
		Weight *	1.24 kg



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### Catalog Object Cloud



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