

Samsung NP960XHAA-EXP Intel Core Ultra 7 256V Laptop 40.6 cm (16") Touchscreen 2.8K 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Home German Grey

Brand : Samsung

Product code: NP960XHA-KG1DE

Product name : NP960XHAA-EXP



Samsung NP960XHAA-EXP. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 256V. Display diagonal: 40.6 cm (16"), HD type: 2.8K, Display resolution: 2880 x 1800 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 140V. Operating system installed: Windows 11 Home. Product colour: Grey

Design		Graphics	
Product type *	Laptop	On-board graphics card OpenGL version	4.6
Product colour *	Grey	On-board graphics card 8K support	✓
Form factor *	Clamshell		
Display		Audio	
Display diagonal *	40.6 cm (16")	Audio system	Dolby Atmos
Display resolution *	2880 x 1800 pixels	Number of built-in speakers	4
Touchscreen *	✓	Built-in subwoofer	✓
HD type	2.8K	Built-in microphone	✓
Panel type	AMOLED	Number of microphones	2
Native aspect ratio	16:10		
Anti-glare screen	✓	Camera	
Display brightness	400 cd/m²	Front camera	✓
Maximum display brightness (HDR)	500 cd/m²	Front camera resolution (numeric)	2 MP
Maximum refresh rate	120 Hz		
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor family *	Intel Core Ultra 7		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), Wi-Fi 7 (802.11be)
Processor generation	Intel Core Ultra (Series 2)	Wi-Fi standards	
Processor model *	256V	Mobile network connection *	✗
Processor cores	8	Antenna type	2x2
Processor threads	8	Ethernet LAN	✓
Processor boost frequency	4.8 GHz	Bluetooth	✓
Performance cores	4	Bluetooth version	5.4
Low Power Efficient-cores	4		
Performance-core Max Turbo Frequency	4.8 GHz	Ports & interfaces	
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Performance-core base frequency	2.2 GHz	HDMI ports quantity *	1
Low Power Efficient-core Base Frequency	2.2 MHz	HDMI version	2.1
Processor cache	12 MB	Thunderbolt 4 ports quantity	2
Processor cache type	Smart Cache	Intel® Thunderbolt 4	✓
Tjunction	100 °C	Combo headphone/mic port	✓
Processor base power	17 W		
Maximum turbo power	37 W	Keyboard	
Neural processor unit (NPU)		Pointing device	Touchpad
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✓
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓	Keyboard layout	QWERTZ
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, WebNN, Windows ML	Keyboard language	German
		Software	
		Operating system installed *	Windows 11 Home

Neural processor unit (NPU)		Processor special features	
NPU performance up to	47 TOPs	Intel Trusted Execution Technology	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	16 GB	Intel® Secure Key	✓
Internal memory type	LPDDR5x-SDRAM	Intel® OS Guard	✓
Memory form factor	On-board	Execute Disable Bit	✓
Storage		Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Total storage capacity *	512 GB	CPU configuration (max)	1
Storage media *	SSD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total SSDs capacity	512 GB	Intel® Smart Sound Technology	✓
Number of SSDs installed	1	Intel Virtualization Technology (VT-x)	✓
SSD capacity	512 GB	Battery	
NVMe	✓	Battery technology	Lithium-Ion (Li-Ion)
Optical drive type *	✗	Battery capacity *	73.9 Wh
Card reader integrated	✓	Battery life (max)	25 h
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Power	
Graphics		AC adapter power	65 W
Discrete graphics card model *	Not available	USB Type-C charging port *	✓
On-board graphics card *	✓	Security	
Discrete graphics card *	✗	Fingerprint reader	✓
On-board graphics card family	Intel Arc Graphics	Trusted Platform Module (TPM)	✓
On-board graphics card model *	Intel Arc Graphics 140V	Trusted Platform Module (TPM) version	2.0
On-board graphics card DirectX version	12.2	Weight & dimensions	
		Width	355.4 mm
		Depth	250.4 mm
		Height	12.5 mm
		Weight *	1.56 kg



8806097002864

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.