Acer Aspire 18 AI NX.JZEEG.006 laptop Copilot+ PC Intel Core Ultra 5 325 45.7 cm (18") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Home Grey QWERTY German

Brand : Acer **Product family:** Aspire **Product code:** NX.JZEEG.006

Product name : NX.JZEEG.006

Intel Core Ultra 5, 16GB LPDDR5x-SDRAM, 512GB SSD, 18" WUXGA 1920 x 1200 IPS, Intel Graphics, WLAN, Webcam, Windows 11 Home 64-bit
Acer Aspire 18 AI NX.JZEEG.006. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 325. Display diagonal: 45.7 cm (18"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Home. Product colour: Grey. Weight: 2.19 kg

Design	
Colour name	Steel Grey
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell

Display	
Display diagonal *	45.7 cm (18")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	WUXGA
Panel type	IPS
Display technology marketing name	ComfyView
LED backlight	✓
Native aspect ratio	16:10
Display surface	Matt
RGB colour space	NTSC
Colour gamut	45%
Maximum refresh rate	120 Hz

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 5
Processor generation	Intel® Core™ Ultra (Series 3)
Processor model *	325
Processor cores	8
Processor threads	8
Processor boost frequency	4.5 GHz
Performance cores	4
Low Power Efficient-cores	4
Performance-core Max Turbo Frequency	4.5 GHz
Low Power Efficient-core Max Turbo Frequency	3.4 GHz
Performance-core base frequency	2.1 GHz
Low Power Efficient-core Base Frequency	1600 MHz
Processor cache	12 MB
Processor cache type	Smart Cache
Processor base power	25 W
Maximum turbo power	55 W

Neural processor unit (NPU)	
Copilot+ PC	✓

Storage	
Optical drive type *	✗

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✗
On-board graphics card family	Intel® Graphics
On-board graphics card model *	Intel® Graphics
Ray tracing acceleration	✓

Audio	
Number of built-in speakers	2
Built-in microphone	✓
Number of microphones	3

Camera	
Front camera	✓
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD

Network	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Mobile network connection *	✗
Antenna type	2x2
Bluetooth	✓
Bluetooth version	5.4

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB4 Gen 2x2 ports quantity	2
HDMI ports quantity *	1
Intel® Thunderbolt 4	✓
Headphone outputs	1
Combo headphone/mic port	✓
USB Type-C DisplayPort Alternate Mode	✓

Keyboard	
Pointing device	Touchpad

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	OpenVINO, Windows ML, ONNX RT, WebNN
NPU performance up to	49 TOPs
GPU performance up to	40 TOPs

Memory	
Internal memory *	16 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2

Keyboard	
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard layout	QWERTY
Keyboard language	German

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 11 Home

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	71 Wh
Battery life (max)	17.5 h

Power	
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔
USB charging voltage	5 V
USB charging current	3 A

Weight & dimensions	
Width	400 mm
Depth	272 mm
Height	19 mm
Weight *	2.19 kg

Packaging data	
Package width	528 mm
Package depth	316 mm
Package height	70 mm
Package weight	3.09 kg

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Publication date: 14-NOV-2026. Prints or copies of Information are only valid on the printed Publication date