



Acer Aspire 14 AI

(A14-52M-55NH)



- Processor: Intel® Core™ Ultra 5 processor 226V
- Display: 14" Acer ComfyView™ WUXGA IPS (non-glare)
- Memory: 16 GB LPDDR5X
- Mass storage: 512 GB SSD
- Graphics card: Intel® Arc™ Graphics 130V
- Operating system: Windows 11 Home (64Bit)





Acer A14-52M-55NH

SPECIFICATIONS



Ordering Information

Series	Acer Aspire 14 AI
Model name	A14-52M-55NH
Part number	NX.J8LEG.009
EAN	4711121785238
Short description	14" Acer ComfyView™ WUXGA IPS (non-glare) / Intel® Core™ Ultra 5 processor 226V / 16 GB LPDDR5X / 512 GB SSD / Intel® Arc™ Graphics 130V / Windows 11 Home (64Bit) / Steel Gray

Operating System

Operating System	Windows 11 Home (64Bit)
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Housing

Housing / Color	Steel Gray
Component door	-
Dimensions	318.9 x 225.1 x 16.9 mm (W x D x H)
Weight	1.4 kg
Passively cooled (fanless)	-

Display

Display size	14 inch (35,56 cm)
Display type	Acer ComfyView™ WUXGA IPS Display with LED-Backlight (non-glare)
Display resolution in pixel	1920 x 1200
Aspect ratio	16:10

Processor

Processor	Intel® Core™ Ultra 5 processor 226V
Clock frequency	2.1 GHz base clock (Up to 4.5 GHz max. performance clock rate)
Cache	8 MB Intel® Smart Cache
Processing cores / threads	4 Performance-cores + 4 Low-power Efficient-cores / 8 Threads
NPU	Intel® AI Boost (up to 40 TOPS)

Storage and drives

Memory	16 GB LPDDR5X
Memory configuration	1 x 16 GB LPDDR5X (Onboard)
Maximum RAM	Onboard RAM (not replaceable or expandable)
Mass storage	512 GB PCIe Gen4 NVMe Solid-State-Drive (SSD)

Graphics card

Graphics card	Intel® Arc™ Graphics 130V
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Connections

LAN	-
Wireless LAN	Intel® Wi-Fi 6E (802.11 ax)
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.3
NFC	-

IO ports

HDMI	1x HDMI® 2.1
Displayport	via USB Type-C
Thunderbolt	Thunderbolt™ 4 (via USB Type-C)
USB 3.2	2x (Type-A Gen. 1 (1x with Power off USB charging))
USB 3.1	-
USB 3.0	-
USB 2.0	-
USB 4.0	2 x (Type-C)
Ethernet (RJ-45)	-
Cardreader	-
Smart card reader	-
Audio port	1x 3.5 mm speaker/headphone/line-out (supports headsets with integrated microphone)
Docking port	-

Input

Keyboard	Acer FineTip keyboard (80-/81-/84-keys)
Keyboard layout	German (QWERTZ)
Backlit keyboard	Ja
Touchpad	Multi-Gesture TouchPad (Microsoft Precision Touchpad certification)



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Security

Fingerprint sensor	-
Kensington Lock	Yes
Security software	MSFT Pluton Security Processor as Firmware TPM Solution

Audio and video

Audio	Acer Purified, Acer TrueHarmony
Speaker	two built-in stereo speakers
Microphone	dual built-in microphones
Webcam	FHD Webcam

Battery and power adapter

Battery	Li-Ion battery (3 cells / 65Wh)
Battery lifetime	Up to 14.5 hours (based on MobileMark® 2025 test results)
Power adapter	USB Type-C 65W power adapter (50% PCR-plastic)
Battery built in	-

Software

Office	1 month trial for new Microsoft 365 customers. 3 months Gamepass. Credit card required
Other software	Acer Alter View, Acer LiveArt, Acer Product Registration, Acer QuickPanel

Special features

Special features	Copilot+PC, FHD webcam, A- and D cover made of aluminum, Thunderbolt™ 4
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Warranty

Warranty	2-year mail-in/return service
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Logistics

Quantity per layer	28
Quantity per europallet	84
Quantity per tower	168
Quantity per container	1848
Carton dimensions / weight	457.0 x 288.0 x 65.0 mm (W x D x H) / 2,41 kg

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