



Acer Aspire 16 AI OLED

(A16-52M-55DS)



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





Acer A16-52M-55DS

SPECIFICATIONS



Ordering Information

Series	Acer Aspire 16 AI OLED
Model name	A16-52M-55DS
Part number	NX.JP1EG.00U
EAN	4711474850287
Short description	16" Acer CineCrystal™ WUXGA OLED / Intel® Core™ Ultra 5 processor 226V / 16 GB LPDDR5X / 512 GB SSD / Intel® Arc™ Graphics 130V / Windows 11 Home (64 Bit) / Steel Gray

Operating System

Operating System	Windows 11 Home (64 Bit)
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Housing

Housing / Color	Steel Gray
Component door	-
Dimensions	354.90 x 250.10 x 15.90 mm (W x D x H)
Weight	1.49 kg
Passively cooled (fanless)	-

Display

Display size	16 inches (40.64 cm)
Display type	Acer CineCrystal™ WUXGA OLED display with 95% DCI-P3 color space coverage
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	Wi-Fi 7 (802.11 a/b/g/n/ac/ax/be)
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth 5.4
NFC	-

IO ports

HDMI	1x HDMI® 2.1
Displayport	via USB Type-C
Thunderbolt	Thunderbolt™ 4 (via USB Type-C)
USB 3.2	2x (2x Type-A Gen 2 (1x with Power-Off USB Charging))
USB 3.1	-
USB 3.0	-
USB 2.0	-
USB 4.0	2x (Type-C)
Ethernet (RJ-45)	-
Cardreader	MicroSD cardreader
Smart card reader	-
Audio port	1x speaker/headphone/line-out (supports headsets with built-in microphone)
Docking port	-

Input

Keyboard	Acer Keyboard (99-/100-/103-keys)
Keyboard layout	German (QWERTZ)
Backlit keyboard	Yes
Touchpad	Multi-Gesture TouchPad (Microsoft Precision Touchpad certification)



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Security

Fingerprint sensor	-
Kensington Lock	Yes (Nano)
Security software	-

Audio and video

Audio	DTS® Audio, Acer TrueHarmony, Acer Purified, AI noise reduction
Speaker	two built-in stereo speakers
Microphone	three built-in microphones
Webcam	FHD Webcam

Battery and power adapter

Battery	Li-Ion battery (3 cells / 65Wh)
Battery lifetime	Up to 17 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	AcerSense™, Acer LiveArt, Acer AlterView

Special features

Special features	Copilot+PC, OLED display, A- and D-cover made of aluminum
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Warranty

Warranty	2-year mail-in/return service
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Logistics

Quantity per layer	26
Quantity per europallet	78
Quantity per tower	156
Quantity per container	1716
Carton dimensions / weight	498.0 x 310.0 x 65.0 mm (W x D x H) / 2.77 kg

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