



Acer Swift 14 AI Copilot+ PC (SF14-51) - Intel Core Ultra 5 CPU, 16GB, 1TB, 14" 2.8K OLED display, Windows 11

Brand : Acer **Product family:** Swift **Product code:** NX.J2KEK.002

Product name : Acer Swift 14 AI Copilot+ PC (SF14-51) - Intel Core Ultra 5 CPU, 16GB, 1TB, 14" 2.8K OLED display, Windows 11

- Intel Core Ultra 5 CPU
- 16GB RAM, 1TB SSD
- 14" 2.8K OLED display
- Windows 11
- Copilot+ PC

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Acer Swift 14 AI Copilot+ PC (SF14-51) - Intel Core Ultra 5 CPU, 16GB, 1TB, 14" 2.8K OLED display, Windows 11. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 226V. Display diagonal: 35.6 cm (14"), HD type: WQXGA+, Display resolution: 2880 x 1800 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 130V. Operating system installed: Windows 11 Home. Product colour: Blue. Weight: 1.26 kg



| Design | | Audio | |
|--------------------------------------|-----------------------------|---|---|
| Colour name | Steam Blue | Audio system | DTS:X Ultra |
| Product type * | Laptop | Number of built-in speakers | 2 |
| Product colour * | Blue | Built-in microphone | ✓ |
| Form factor * | Clamshell | Number of microphones | 3 |
| Display | | Camera | |
| Display diagonal * | 35.6 cm (14") | Front camera | ✓ |
| Display resolution * | 2880 x 1800 pixels | Front camera resolution | 2560 x 1440 pixels |
| Touchscreen * | ✗ | Front camera HD type | Quad HD |
| HD type | WQXGA+ | Privacy camera | ✓ |
| Panel type | OLED | Privacy type | Privacy shutter |
| Display technology marketing name | CineCrystal | Network | |
| Native aspect ratio | 16:10 | Top Wi-Fi standard * | Wi-Fi 7 (802.11be) |
| Display brightness | 400 cd/m² | Wi-Fi standards | 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) |
| RGB colour space | DCI-P3 | | |
| Colour gamut | 100% | Mobile network connection * | ✗ |
| Maximum refresh rate | 90 Hz | Antenna type | 2x2 |
| Processor | | WLAN controller model | Killer Wi-Fi 7 BE1750 |
| Processor manufacturer * | Intel | WLAN controller manufacturer | Killer |
| Processor family * | Intel Core Ultra 5 | Ethernet LAN | ✓ |
| Processor generation | Intel Core Ultra (Series 2) | Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Processor model * | 226V | Bluetooth | ✓ |
| Processor cores | 8 | Bluetooth version | 5.4 |
| Processor threads | 8 | Ports & interfaces | |
| Processor boost frequency | 4.5 GHz | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Performance cores | 4 | USB4 Gen 3x2 ports quantity | 2 |
| Low Power Efficient-cores | 4 | | |
| Performance-core Max Turbo Frequency | 4.5 GHz | | |

| Processor | | Ports & interfaces | |
|--|--|---------------------------------------|--------------------------|
| Low Power Efficient-core Max Turbo Frequency | 3.5 GHz | HDMI ports quantity * | 1 |
| Performance-core base frequency | 2.1 GHz | Combo headphone/mic port | ✓ |
| Low Power Efficient-core Base Frequency | 2100 MHz | USB Type-C DisplayPort Alternate Mode | ✓ |
| Processor cache | 8 MB | Keyboard | |
| Processor cache type | Smart Cache | Pointing device | Touchpad |
| Processor base power | 17 W | Numeric keypad * | ✗ |
| Maximum turbo power | 37 W | Keyboard backlit | ✓ |
| Neural processor unit (NPU) | | Keyboard backlit colour | White |
| Neural processor unit (NPU) | Intel AI Boost | Copilot key | ✓ |
| Sparsity support | ✓ | Software | |
| Windows Studio effects support | ✓ | Operating system installed * | Windows 11 Home |
| AI software frameworks supported by NPU | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Microsoft Copilot | ✓ |
| Total processor performance up to | 97 TOPs | Copilot+ PC | ✓ |
| NPU performance up to | 40 TOPs | Battery | |
| GPU performance up to | 53 TOPs | Battery technology | Lithium-Ion (Li-Ion) |
| Memory | | Battery capacity * | 65 Wh |
| Internal memory * | 16 GB | Battery life (max) | 17.5 h |
| Internal memory type | LPDDR5x-SDRAM | Power | |
| Memory form factor | On-board | AC adapter power | 65 W |
| Maximum internal memory * | 16 GB | USB Type-C charging port * | ✓ |
| Storage | | Security | |
| Total storage capacity * | 1 TB | Cable lock slot | ✓ |
| Storage media * | SSD | Cable lock slot type | Kensington |
| Total SSDs capacity | 1 TB | Fingerprint reader | ✓ |
| Number of SSDs installed | 1 | Trusted Platform Module (TPM) | ✓ |
| SSD capacity | 1 TB | Trusted Platform Module (TPM) version | 2.0 |
| SSD interface | PCI Express 4.0 | Password protection | ✓ |
| NVMe | ✓ | Password protection type | BIOS, Supervisor, User |
| SSD form factor | M.2 | Certificates | |
| Optical drive type * | ✗ | Certification | ENERGY STAR, CB, CE, Doc |
| Graphics | | Weight & dimensions | |
| Discrete graphics card model * | Not available | Width | 312.4 mm |
| On-board graphics card * | ✓ | Depth | 221.2 mm |
| On-board GPU manufacturer | Intel | Height | 9.7 mm |
| Discrete graphics card * | ✗ | Height (front) | 9.7 mm |
| On-board graphics card family | Intel Arc Graphics | Height (rear) | 1.59 cm |
| On-board graphics card model * | Intel Arc Graphics 130V | Weight * | 1.26 kg |
| | | Packaging data | |
| | | Package width | 454 mm |
| | | Package depth | 59 mm |
| | | Package height | 292 mm |
| | | Package weight | 2.31 kg |
| | | Packaging content | |
| | | AC adapter included * | ✓ |



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