# Acer Aspire AV16-51P-7063 Intel Core Ultra 7 155U Laptop 40.6 cm (16") WQXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Grey



**Brand :** Acer **Product family:** Aspire **Product code:** NX.KU4AA.002

**Product name :**
AV16-51P-7063



- Windows 11 Home 64-bit
- Intel Core Ultra 7 155U (12MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS
- 16GB LPDDR5x-SDRAM & 512GB SSD

Intel Core Ultra 7 155U (12MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Home 64-bit
Acer Aspire AV16-51P-7063. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155U. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 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: 1.8 kg

| Design | |
|---|---|
| Product type * | Laptop |
| Product colour * | Grey |
| Form factor * | Clamshell |

| Display | |
|---|---|
| Display diagonal * | 40.6 cm (16") |
| Display resolution * | 2560 x 1600 pixels |
| Touchscreen * | ✗ |
| HD type | WQXGA |
| Panel type | IPS |
| Display technology marketing name | ComfyView |
| LED backlight | ✓ |
| Native aspect ratio | 16:10 |
| Display surface | Matt |
| Maximum refresh rate | 60 Hz |

| Processor | |
|---|---|
| Processor manufacturer * | Intel |
| Processor family * | Intel Core Ultra 7 |
| Processor generation | Intel® Core™ Ultra (Series 1) |
| Processor model * | 155U |
| Processor cores | 12 |
| Processor threads | 14 |
| Processor boost frequency | 4.8 GHz |
| Performance cores | 2 |
| Efficient cores | 8 |
| Low Power Efficient-cores | 2 |
| Performance-core Max Turbo Frequency | 4.8 GHz |
| Efficient-core Max Turbo Frequency | 3.8 GHz |
| Low Power Efficient-core Max Turbo Frequency | 2.1 GHz |
| Performance-core base frequency | 1.7 GHz |
| Efficient-core base frequency | 1.2 GHz |
| Low Power Efficient-core Base Frequency | 700 MHz |
| Processor cache | 12 MB |
| Processor cache type | Smart Cache |

| Storage | |
|---|---|
| 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 |
| Optical drive type * | ✗ |
| Card reader integrated | ✗ |

| 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 |

| Audio | |
|---|---|
| Built-in microphone | ✓ |

| Camera | |
|---|---|
| Front camera | ✓ |

| Network | |
|---|---|
| Top Wi-Fi standard * | Wi-Fi 6 (802.11ax) |
| Wi-Fi standards | Wi-Fi 6 (802.11ax) |
| Mobile network connection * | ✗ |
| Antenna type | 2x2 |
| Bluetooth | ✓ |
| Bluetooth version | 5.3 |

| Ports & interfaces | |
|---|---|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| USB4 Gen 3x2 ports quantity | 2 |
| HDMI ports quantity * | 1 |
| Combo headphone/mic port | ✓ |

| Processor | |
|---|---|
| Processor base power | 15 W |
| Maximum turbo power | 57 W |

| Neural processor unit (NPU) | |
|---|---|
| Neural processor unit (NPU) | Intel AI Boost |
| Maximum frequency NPU | 1.4 GHz |
| Sparsity support | ✔ |
| Windows Studio effects support | ✔ |
| AI software frameworks supported by NPU | DirectML, ONNX RT, OpenVINO, Windows ML |

| Memory | |
|---|---|
| Internal memory * | 16 GB |
| Internal memory type | LPDDR5x-SDRAM |
| Memory form factor | On-board |
| Maximum internal memory * | 16 GB |

| Storage | |
|---|---|
| Total storage capacity * | 512 GB |
| Storage media * | SSD |

| Keyboard | |
|---|---|
| Pointing device | Touchpad |
| Numeric keypad * | ✔ |
| Keyboard backlit | ✔ |
| Keyboard backlit colour | White |

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

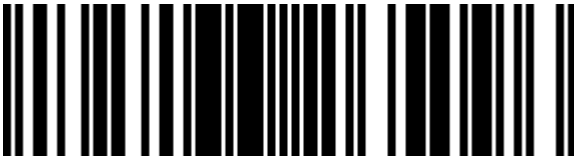
| Battery | |
|---|---|
| Battery technology | Lithium Polymer (LiPo) |
| Battery capacity * | 53 Wh |
| Battery life (max) | 18.5 h |

| Power | |
|---|---|
| AC adapter power | 65 W |
| USB Type-C charging port * | ✔ |

| Security | |
|---|---|
| Fingerprint reader | ✔ |

| Weight & dimensions | |
|---|---|
| Width | 359.5 mm |
| Depth | 247 mm |
| Height | 16.6 mm |
| Weight * | 1.8 kg |

| Packaging content | |
|---|---|
| AC adapter included * | ✔ |



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**Catalog Object Cloud**



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