



MSI Stealth 18 AI Studio A1VGG-002FR Intel Core Ultra 9 185H Laptop 45,7 cm (18") Quad HD+ 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : MSI

Product family: Stealth

Article code: STEALTH 18 AI STUDIO A1VGG-002FR

Product name : Stealth 18 AI Studio A1VGG-002FR



MSI Stealth 18 AI Studio A1VGG-002FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 45,7 cm (18"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4070. Operating system installed: Windows 11 Pro. Product color: Black



| Design | | Graphics | |
|--------------------------------------|-------------------------------|--------------------------------|--------------------|
| Colour name | Midnight Black | Discrete graphics memory type | GDDR6 |
| Product type * | Laptop | On-board graphics card * | ✓ |
| Product colour * | Black | On-board GPU manufacturer | Intel |
| Form factor * | Clamshell | Discrete graphics card * | ✓ |
| Display | | On-board graphics card family | Intel Arc Graphics |
| Display diagonal * | 45.7 cm (18") | On-board graphics card model * | Intel Arc Graphics |
| Display resolution * | 2560 x 1600 pixels | Audio | |
| Touchscreen * | ✗ | Number of built-in speakers | 2 |
| HD type | Quad HD+ | Speaker power | 2 W |
| Anti-glare screen | ✓ | Camera | |
| RGB colour space | DCI-P3 | Front camera | ✓ |
| Colour gamut | 100% | Front camera resolution | 1920 x 1080 pixels |
| Maximum refresh rate | 240 Hz | Front camera HD type | Full HD |
| High Dynamic Range (HDR) technology | High Dynamic Range (HDR) 1000 | Video capturing speed | 30 fps |
| Processor | | Privacy camera | ✓ |
| Processor manufacturer * | Intel | Privacy type | Privacy shutter |
| Processor family * | Intel Core Ultra 9 | Network | |
| Processor generation | Intel® Core™ Ultra (Series 1) | Top Wi-Fi standard * | Wi-Fi 7 (802.11be) |
| Processor model * | 185H | Wi-Fi standards | Wi-Fi 7 (802.11be) |
| Processor cores | 16 | Mobile network connection * | ✗ |
| Processor boost frequency | 5.1 GHz | Ethernet LAN | ✓ |
| Performance cores | 6 | Ethernet LAN data rates | 2500 Mbit/s |
| Efficient cores | 8 | Bluetooth | ✓ |
| Performance-core Max Turbo Frequency | 5.1 GHz | Bluetooth version | 5.4 |
| Efficient-core Max Turbo Frequency | 3.8 GHz | | |
| Performance-core base frequency | 2.3 GHz | | |

| Processor | | Ports & interfaces | |
|---|---|---|----------------|
| Efficient-core base frequency | 1.8 GHz | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 2 |
| Processor cache | 24 MB | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| Processor cache type | Smart Cache | Ethernet LAN (RJ-45) ports | 1 |
| Processor base power | 45 W | HDMI ports quantity * | 1 |
| Maximum turbo power | 115 W | HDMI version | 2.1 |
| Neural processor unit (NPU) | | Thunderbolt 4 ports quantity | 1 |
| Neural processor unit (NPU) | Intel AI Boost | Intel® Thunderbolt 4 | ✓ |
| Maximum frequency NPU | 1.4 GHz | Combo headphone/mic port | ✓ |
| Sparsity support | ✓ | Charging port type | DC-in jack |
| Windows Studio effects support | ✓ | USB Type-C DisplayPort Alternate Mode | ✓ |
| AI datatype support on NPU | FP16, FP32, Int8 | Performance | |
| AI software frameworks supported by NPU | DirectML, ONNX RT, OpenVINO, Windows ML | Repairability index | 8 |
| Memory | | Keyboard | |
| Internal memory * | 32 GB | Pointing device | Touchpad |
| Internal memory type | DDR5-SDRAM | Numeric keypad * | ✓ |
| Memory clock speed | 5600 MHz | Keyboard backlit | ✓ |
| Memory layout (slots x size) | 2 x 16 GB | Keyboard backlit colour | RGB |
| Memory slots | 2x SO-DIMM | Keyboard backlit zone | Per-key RGB |
| Maximum internal memory * | 96 GB | Software | |
| Storage | | Operating system installed * | Windows 11 Pro |
| Total storage capacity * | 2 TB | Battery | |
| Storage media * | SSD | Number of battery cells | 4 |
| Total SSDs capacity | 2 TB | Battery capacity * | 99.9 Wh |
| Number of SSDs installed | 1 | Power | |
| SSD capacity | 2 TB | AC adapter power | 280 W |
| SSD interface | PCI Express 4.0 | Security | |
| NVMe | ✓ | Cable lock slot | ✓ |
| Optical drive type * | ✗ | Cable lock slot type | Kensington |
| Card reader integrated | ✓ | Trusted Platform Module (TPM) | ✓ |
| Compatible memory cards | SD | Trusted Platform Module (TPM) version | 2.0 |
| Graphics | | Weight & dimensions | |
| Discrete GPU manufacturer | NVIDIA | Width | 400 mm |
| Discrete graphics card model * | NVIDIA GeForce RTX 4070 | Depth | 289.7 mm |
| Discrete graphics card memory | 8 GB | Height (front) | 1.99 cm |
| | | Height (rear) | 2.4 cm |
| | | Weight * | 2.89 kg |



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