



MSI CreatorPro 16 AI STUDIO A1VMG-076US laptop Intel Core Ultra 9 185H Mobile workstation 40.6 cm (16") WQUXGA 64 GB DDR5-SDRAM 2 TB SSD NVIDIA RTX 5000 Ada Wi-Fi 7 (802.11be) Windows 11 Pro Grey



Brand : MSI

Product family: CreatorPro

Product code: CREATORPRO
16 AI STUDIO A1VMG-076US

Product name : CREATORPRO
16 AI STUDIO A1VMG-076US

- Windows 11 Pro
- Intel Core Ultra 9 185H (24MB Cache)
- 40.6 cm (16") WQUXGA 3840 x 2400 Mini LED, NVIDIA RTX 5000 Ada (16GB GDDR6)
- 64GB (5600MHz) DDR5-SDRAM (2 x 32) & 2000GB SSD
Intel Core Ultra 9 185H (24MB Cache), 64GB DDR5-SDRAM, 2000GB SSD, 40.6 cm (16") WQUXGA 3840 x 2400 Mini LED, Intel Arc Graphics, NVIDIA RTX 5000 Ada (16GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro
MSI CreatorPro 16 AI STUDIO A1VMG-076US. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 40.6 cm (16"), HD type: WQUXGA, Display resolution: 3840 x 2400 pixels. Internal memory: 64 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 RTX 5000 Ada. Operating system installed: Windows 11 Pro. Product colour: Grey

| Design | | Graphics | |
|-------------------------------------|-------------------------------|--------------------------------|-------------------------|
| Colour name | Lunar Gray | Discrete GPU manufacturer | NVIDIA |
| Product type * | Mobile workstation | Discrete graphics card model * | NVIDIA RTX 5000 Ada |
| Product colour * | Grey | Discrete graphics card memory | 16 GB |
| Form factor * | Clamshell | Discrete graphics memory type | GDDR6 |
| Original brand name | MSI | On-board graphics card * | ✓ |
| Display | | On-board GPU manufacturer | Intel |
| Display diagonal * | 40.6 cm (16") | Discrete graphics card * | ✓ |
| Display resolution * | 3840 x 2400 pixels | On-board graphics card family | Intel Arc Graphics |
| Touchscreen * | ✗ | On-board graphics card model * | Intel Arc Graphics |
| HD type | WQUXGA | Audio | |
| Panel type | Mini LED | Audio system | Nahimic 3 |
| Native aspect ratio | 16:10 | Number of built-in speakers | 2 |
| Anti-glare screen | ✓ | Speakers manufacturer | Nahimic |
| RGB colour space | DCI-P3 | Speaker power | 2 W |
| Colour gamut | 100% | Camera | |
| Maximum refresh rate | 120 Hz | Front camera | ✓ |
| High Dynamic Range (HDR) supported | ✓ | Front camera HD type | Full HD |
| High Dynamic Range (HDR) technology | DisplayHDR 1000 | Video capturing speed | 30 fps |
| Processor | | Infrared (IR) camera | ✓ |
| Processor manufacturer * | Intel | Privacy camera | ✓ |
| Processor family * | Intel Core Ultra 9 | Privacy type | Privacy shutter |
| Processor generation | Intel® Core™ Ultra (Series 1) | Network | |
| Processor model * | 185H | Top Wi-Fi standard * | Wi-Fi 7 (802.11be) |
| Processor cores | 16 | Wi-Fi standards | Wi-Fi 7 (802.11be) |
| Processor boost frequency | 5.1 GHz | Mobile network connection * | ✗ |
| Performance cores | 6 | Ethernet LAN | ✓ |
| | | Ethernet LAN data rates | 10,100,1000,2500 Mbit/s |

| Processor | | Network | |
|---|---|---|------------------------|
| Efficient cores | 8 | Bluetooth | ✓ |
| Performance-core Max Turbo Frequency | 5.1 GHz | Bluetooth version | 5.4 |
| Efficient-core Max Turbo Frequency | 3.8 GHz | Ports & interfaces | |
| Performance-core base frequency | 2.3 GHz | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 1 |
| Efficient-core base frequency | 1.8 GHz | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| Processor cache | 24 MB | Ethernet LAN (RJ-45) ports | 1 |
| Processor cache type | Smart Cache | HDMI ports quantity * | 1 |
| Processor base power | 45 W | HDMI version | 2.1 |
| Maximum turbo power | 115 W | Thunderbolt 4 ports quantity | 1 |
| Neural processor unit (NPU) | | Intel® Thunderbolt 4 | ✓ |
| Neural processor unit (NPU) | Intel AI Boost | USB Type-C DisplayPort Alternate Mode | ✓ |
| Maximum frequency NPU | 1.4 GHz | Keyboard | |
| Sparsity support | ✓ | Pointing device | Touchpad |
| Windows Studio effects support | ✓ | Numeric keypad * | ✓ |
| AI datatype support on NPU | FP16, FP32, Int8 | Keyboard backlit | ✓ |
| AI software frameworks supported by NPU | DirectML, ONNX RT, OpenVINO, Windows ML | Keyboard backlit colour | White |
| Memory | | Software | |
| Internal memory * | 64 GB | Operating system installed * | Windows 11 Pro |
| Internal memory type | DDR5-SDRAM | Battery | |
| Memory clock speed | 5600 MHz | Battery technology | Lithium Polymer (LiPo) |
| Memory form factor | SO-DIMM | Number of battery cells | 4 |
| Memory layout (slots x size) | 2 x 32 GB | Battery capacity * | 99.9 Wh |
| Memory slots | 2x SO-DIMM | Power | |
| Maximum internal memory * | 96 GB | AC adapter power | 240 W |
| Storage | | Security | |
| Total storage capacity * | 2 TB | Cable lock slot | ✓ |
| Storage media * | SSD | Cable lock slot type | Kensington |
| Total SSDs capacity | 2 TB | Fingerprint reader | ✓ |
| Number of SSDs installed | 1 | Trusted Platform Module (TPM) | ✓ |
| SSD capacity | 2 TB | Trusted Platform Module (TPM) version | 2.0 |
| SSD interface | PCI Express 4.0 | Weight & dimensions | |
| NVMe | ✓ | Width | 355.8 mm |
| SSD form factor | M.2 | Depth | 259.7 mm |
| Optical drive type * | ✗ | Height | 19.9 mm |
| Card reader integrated | ✓ | Weight * | 1.99 kg |
| Compatible memory cards | MicroSD (TransFlash) | Other features | |
| | | Warranty period | 3 year(s) |



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Catalog Object Cloud



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