



**MSI Stealth 16 AI STUDIO A1VIG-001UK Intel Core Ultra 9 185H Laptop 40.6 cm (16") UHD+ 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 Wi-Fi 7 (802.11be) Windows 11 Pro Blue**

**Brand :** MSI

**Product family:** Stealth

**Product code:** STEALTH 16 AI STUDIO A1VIG-001UK

**Product name :** Stealth 16 AI STUDIO A1VIG-001UK



- Windows 11 Pro  
 - Intel Core Ultra 9 185H (24MB Cache)  
 - 40.6 cm (16") UHD+ 3840 x 2400 Mini LED, NVIDIA GeForce RTX 4090 (16GB GDDR6)  
 - 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 2000GB SSD  
 Intel Core Ultra 9 185H (24MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 40.6 cm (16") UHD+ 3840 x 2400 Mini LED, Intel Arc Graphics, NVIDIA GeForce RTX 4090 (16GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro  
 MSI Stealth 16 AI STUDIO A1VIG-001UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 40.6 cm (16"), HD type: UHD+, Display resolution: 3840 x 2400 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 4090. Operating system installed: Windows 11 Pro. Product colour: Blue

| Design                               |                    | Graphics  |                    |
|--------------------------------------|--------------------|---|--------------------|
| Colour name                          | Star Blue          | Discrete graphics card *                        | ✓                  |
| Product type *                       | Laptop             | On-board graphics card family                   | Intel Arc Graphics |
| Product colour *                     | Blue               | On-board graphics card model *                  | Intel Arc Graphics |
| Form factor *                        | Clamshell          | <b>Audio</b>                                    |                    |
| Original brand name                  | MSI                | Audio system                                    | NAHIMIC 3          |
| <b>Display</b>                       |                    | Number of built-in speakers                     | 2                  |
| Display diagonal *                   | 40.6 cm (16")      | Speakers manufacturer                           | Nahimic            |
| Display resolution *                 | 3840 x 2400 pixels | Speaker power                                   | 2 W                |
| Touchscreen *                        | ✗                  | <b>Camera</b>                                   |                    |
| HD type                              | UHD+               | Front camera                                    | ✓                  |
| Panel type                           | Mini LED           | Front camera resolution                         | 1280 x 720 pixels  |
| Native aspect ratio                  | 16:10              | Front camera HD type                            | HD                 |
| Anti-glare screen                    | ✓                  | Video capturing speed                           | 30 fps             |
| RGB colour space                     | DCI-P3             | Infrared (IR) camera                            | ✓                  |
| Colour gamut                         | 100%               | <b>Network</b>                                  |                    |
| Maximum refresh rate                 | 120 Hz             | Top Wi-Fi standard *                            | Wi-Fi 7 (802.11be) |
| <b>Processor</b>                     |                    | Wi-Fi standards                                 | Wi-Fi 7 (802.11be) |
| Processor manufacturer *             | Intel              | Mobile network connection *                     | ✗                  |
| Processor family *                   | Intel Core Ultra 9 | Ethernet LAN                                    | ✓                  |
| Processor model *                    | 185H               | Ethernet LAN data rates                         | 10,100,1000 Mbit/s |
| Processor cores                      | 16                 | Bluetooth                                       | ✓                  |
| Processor boost frequency            | 5.1 GHz            | Bluetooth version                               | 5.4                |
| Performance cores                    | 6                  | <b>Ports &amp; interfaces</b>                   |                    |
| Efficient cores                      | 8                  | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 1                  |
| Performance-core Max Turbo Frequency | 5.1 GHz            | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1                  |
| Efficient-core Max Turbo Frequency   | 3.8 GHz            | Ethernet LAN (RJ-45) ports                      | 1                  |
| Performance-core base frequency      | 2.3 GHz            |   |                    |

|                                |                         |  |                        |
|--------------------------------|-------------------------|--|------------------------|
| <b>Processor</b>               |                         | <b>Ports &amp; interfaces</b>                              |                        |
| Efficient-core boost frequency | 1.8 GHz                 | HDMI ports quantity *                                      | 1                      |
| Processor cache                | 24 MB                   | HDMI version   | 2.1                    |
| Processor cache type           | Smart Cache             | Thunderbolt 4 ports quantity                               | 1                      |
| Processor base power           | 45 W                    | Intel® Thunderbolt 4                                       | ✓                      |
| Maximum turbo power            | 115 W                   | Combo headphone/mic port                                   | ✓                      |
| <b>Memory</b>                  |                         | USB Type-C DisplayPort Alternate Mode                      | ✓                      |
| Internal memory *              | 32 GB                   | <b>Keyboard</b>  |                        |
| Internal memory type           | DDR5-SDRAM              | Pointing device  | Touchpad               |
| Memory clock speed             | 5600 MHz                | Numeric keypad *   | ✓                      |
| Memory form factor             | SO-DIMM                 | 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            |
| <b>Storage</b>                 |                         | <b>Software</b>  |                        |
| Total storage capacity *       | 2 TB                    | Operating system installed *                               | Windows 11 Pro         |
| Storage media *                | SSD                     | <b>Battery</b>   |                        |
| Total SSDs capacity            | 2 TB                    | Battery technology   | Lithium Polymer (LiPo) |
| Number of SSDs installed       | 1                       | Number of battery cells                                    | 4                      |
| SSD capacity                   | 2 TB                    | Battery capacity *   | 99.99 Wh               |
| SSD interface                  | PCI Express 4.0         | <b>Power</b>   |                        |
| NVMe                           | ✓                       | AC adapter power   | 240 W                  |
| Optical drive type *           | ✗                       | <b>Weight &amp; dimensions</b>                             |                        |
| Card reader integrated         | ✓                       | Width  | 355.8 mm               |
| Compatible memory cards        | MicroSD (TransFlash)    | Depth  | 259.7 mm               |
| <b>Graphics</b>                |                         | Height   | 19.9 mm                |
| Discrete GPU manufacturer      | NVIDIA                  | Weight *   | 1.99 kg                |
| Discrete graphics card model * | NVIDIA GeForce RTX 4090 | <b>Packaging data</b>                                      |                        |
| Discrete graphics card memory  | 16 GB                   | Package width  | 478 mm                 |
| Discrete graphics memory type  | GDDR6                   | Package depth  | 93 mm                  |
| On-board graphics card *       | ✓                       | Package height   | 355 mm                 |
|                                |                         | <b>Logistics data</b>                                      |                        |
|                                |                         | Commodity Classification Automated Tracking System (CCATS) | 8471300000             |



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