



MSI Gaming Raider GE78 HX 14VGG-207UK Intel® Core™ i9 i9-14900HX Laptop 43.2 cm (17") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 7 (802.11be) Windows 11 Home Black

Brand : MSI

Product family: Gaming

Product code: RAIDER GE78 HX 14VGG-207UK



Product name : Raider GE78 HX 14VGG-207UK

- Windows 11 Home
 - Intel Core i9-14900HX (36MB Cache)
 - 43.2 cm (17") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 4070 (8GB GDDR6)
 - 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
- Intel Core i9-14900HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 43.2 cm (17") Quad HD+ 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home
- MSI Gaming Raider GE78 HX 14VGG-207UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-14900HX. Display diagonal: 43.2 cm (17"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4070. Operating system installed: Windows 11 Home. Product colour: Black



| Design | | Graphics | |
|--------------------------------------|-----------------------|---|---------------------|
| Product type * | Laptop | Discrete graphics card memory | 8 GB |
| Product colour * | Black | Discrete graphics memory type | GDDR6 |
| Form factor * | Clamshell | On-board graphics card * | ✓ |
| Original brand name | MSI | On-board GPU manufacturer | Intel |
| Display | | Discrete graphics card * | ✓ |
| Display diagonal * | 43.2 cm (17") | On-board graphics card family | Intel® UHD Graphics |
| Display resolution * | 2560 x 1600 pixels | On-board graphics card model * | Intel® UHD Graphics |
| Touchscreen * | ✗ | Audio | |
| HD type | Quad HD+ | Number of built-in speakers | 2 |
| Native aspect ratio | 16:10 | Speaker power | 2 W |
| Anti-glare screen | ✓ | Camera | |
| Display brightness | 400 cd/m ² | Front camera | ✓ |
| RGB colour space | DCI-P3 | Front camera resolution | 1920 x 1080 pixels |
| Colour gamut | 100% | Front camera HD type | Full HD |
| Maximum refresh rate | 240 Hz | Video capturing speed | 30 fps |
| Processor | | Infrared (IR) camera | ✓ |
| Processor manufacturer * | Intel | Network | |
| Processor family * | Intel® Core™ i9 | Top Wi-Fi standard * | Wi-Fi 7 (802.11be) |
| Processor generation | Intel Core i9-14xxx | Wi-Fi standards | Wi-Fi 7 (802.11be) |
| Processor model * | i9-14900HX | Mobile network connection * | ✗ |
| Processor cores | 24 | Ethernet LAN | ✓ |
| Processor boost frequency | 5.8 GHz | Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Performance cores | 8 | Bluetooth | ✓ |
| Efficient cores | 16 | Bluetooth version | 5.4 |
| Performance-core Max Turbo Frequency | 5.8 GHz | Ports & interfaces | |
| Efficient-core Max Turbo Frequency | 4.1 GHz | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1 |
| Performance-core base frequency | 2.2 GHz | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 1 |
| Efficient-core boost frequency | 1.6 GHz | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 2 |
| Processor cache | 36 MB | Ethernet LAN (RJ-45) ports | 1 |
| Processor cache type | Smart Cache | | |
| Processor base power | 55 W | | |

| | | | |
|--------------------------------|-------------------------|--------------------------------|-----------------|
| Processor | | Ports & interfaces | |
| Maximum turbo power | 157 W | HDMI ports quantity * | 1 |
| Memory | | HDMI version | 2.1 |
| Internal memory * | 32 GB | Thunderbolt 4 ports quantity | 1 |
| Internal memory type | DDR5-SDRAM | Intel® Thunderbolt 4 | ✓ |
| Memory clock speed | 5600 MHz | Combo headphone/mic port | ✓ |
| Memory layout (slots x size) | 2 x 16 GB | Performance | |
| Memory slots | 2x SO-DIMM | Motherboard chipset | Intel HM770 |
| Storage | | Keyboard | |
| Total storage capacity * | 1 TB | Pointing device | Touchpad |
| Storage media * | SSD | Numeric keypad * | ✓ |
| Total SSDs capacity | 1 TB | Keyboard backlit | ✓ |
| Number of SSDs installed | 1 | Keyboard backlit colour | RGB |
| SSD capacity | 1 TB | Software | |
| SSD interface | PCI Express 4.0 | Operating system installed * | Windows 11 Home |
| NVMe | ✓ | Battery | |
| Optical drive type * | ✗ | Number of battery cells | 4 |
| Card reader integrated | ✓ | Battery capacity * | 99.9 Wh |
| Compatible memory cards | SD | Power | |
| Graphics | | AC adapter power | 330 W |
| Discrete GPU manufacturer | NVIDIA | Weight & dimensions | |
| Discrete graphics card model * | NVIDIA GeForce RTX 4070 | Width | 380 mm |
| | | Depth | 298 mm |
| | | Height | 23 mm |
| | | Weight * | 3.1 kg |

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