*msi*

# MSI Gaming Raider GE67HX 12UGS-070 Intel® Core™ i7 i7-12800HX Laptop 39.6 cm (15.6") Quad HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3070 Ti Wi-Fi 6E (802.11ax) Windows 11 Home Black

**Brand :** MSI

**Product family:** Gaming

**Product code:**
RAIDERGE6712070

**Product name :** Raider
GE67HX 12UGS-070

- The latest Wi-Fi 6E delivers stunning speed while keeps the network smooth and stable even when sharing the network with numerous users
- Featuring high-bandwidth and low-latency onboard lan for competitive gamers and performance-hungry users, Intel® Killer™ Ethernet E3100 2.5 Gbps provides incredible data transfer speed faster than ever before
- The exclusive MSI Center helps you control and customize your MSI laptop the way you want
- MSI App Player gives seamless gaming experience between mobile and laptop, users can multitask with keyboard and mouse to win games faster and easier in games
- Featuring high-bandwidth and low-latency onboard lan for competitive gamers and performance-hungry users, Killer Ethernet provides incredible data transfer speed faster than ever before
15.6", 2560 x 1440, Core i7-12800HX, 4.8 GHz, 16Gb, 1TB NVMe SSD Gen4x4, Bluetooth 5.2, HDMI, USB, TYPE-C

## Design

| | |
|---|---|
| Colour name | Titanium Blue |
| Product type * | Laptop |
| Product colour * | Black |
| Form factor * | Clamshell |
| Market positioning | Gaming |

## Display

| | |
|---|---|
| Display diagonal * | 39.6 cm (15.6") |
| Display resolution * | 2560 x 1440 pixels |
| Touchscreen * | ✗ |
| HD type | Quad HD |
| LED backlight | ✔ |
| Native aspect ratio | 16:9 |

## Processor

| | |
|---|---|
| Processor manufacturer * | Intel |
| Processor family * | Intel® Core™ i7 |
| Processor generation | 12th gen Intel® Core™ i7 |
| Processor model * | i7-12800HX |
| Processor cores | 8 |
| Processor frequency * | 4.8 GHz |
| Bus type | DMI4 |
| Configurable TDP-down | 45 W |

## Memory

| | |
|---|---|
| Internal memory * | 16 GB |
| Internal memory type | DDR5-SDRAM |
| Memory clock speed | 4800 MHz |
| Memory layout (slots x size) | 2 x 8 GB |

## Network

| | |
|---|---|
| Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| Wi-Fi standards | Wi-Fi 6E (802.11ax) |
| Mobile network connection * | ✗ |
| Ethernet LAN | ✔ |
| Ethernet LAN data rates | 2500 Mbit/s |
| Bluetooth | ✔ |
| Bluetooth version | 5.2 |

## Ports & interfaces

| | |
|---|---|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 1 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| Ethernet LAN (RJ-45) ports | 1 |
| HDMI ports quantity * | 1 |
| DisplayPorts quantity | 1 |
| Thunderbolt 4 ports quantity | 1 |
| Intel® Thunderbolt 4 | ✔ |
| Combo headphone/mic port | ✔ |

## Performance

| | |
|---|---|
| Virtual Reality (VR) ready | ✔ |

## Keyboard

| | |
|---|---|
| Pointing device | Touchpad |
| Numeric keypad * | ✗ |
| Keyboard backlit | ✔ |

## Storage

| | |
|---|---|
| Total storage capacity * | 1 TB |
| Storage media * | SSD |
| Total SSDs capacity | 1 TB |
| Number of SSDs installed | 1 |
| SSD capacity | 1 TB |
| NVMe | ✔ |
| Optical drive type * | ✘ |
| Card reader integrated | ✔ |

## Graphics

| | |
|---|---|
| Discrete GPU manufacturer | NVIDIA |
| Discrete graphics card model * | NVIDIA GeForce RTX 3070 Ti |
| Discrete graphics card memory | 8 GB |
| Discrete graphics memory type | GDDR6 |
| On-board graphics card * | ✔ |
| On-board GPU manufacturer | Intel |
| Discrete graphics card * | ✔ |
| On-board graphics card model * | Intel UHD Graphics 770 |

## Audio

| | |
|---|---|
| Speakers manufacturer | Dynaudio |

## Camera

| | |
|---|---|
| Front camera | ✔ |
| Front camera HD type | Full HD |

## Software

| | |
|---|---|
| Operating system installed * | Windows 11 Home |

## Processor special features

| | |
|---|---|
| Intel Flex Memory Access | ✔ |
| Intel Trusted Execution Technology | ✘ |
| Intel VT-x with Extended Page Tables (EPT) | ✔ |
| Execute Disable Bit | ✔ |
| CPU configuration (max) | 1 |
| Embedded options available | ✘ |
| Intel Virtualization Technology for Directed I/O (VT-d) | ✔ |
| Intel Virtualization Technology (VT-x) | ✔ |

## Battery

| | |
|---|---|
| Battery capacity * | 99.9 Wh |

## Power

| | |
|---|---|
| AC adapter power | 330 W |

## Weight & dimensions

| | |
|---|---|
| Width | 358 mm |
| Depth | 267 mm |
| Height | 23 mm |
| Weight * | 2.38 kg |

## Other features

| | |
|---|---|
| Warranty period | 1 year(s) |

0824142296745

824142296745

**Catalog Object Cloud**