MSI Gaming Raider GE66 12UGS-668CA Intel® Core™ i9 i9-12900H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3070 Ti Wi-Fi 6E (802.11ax) Windows 11 **Home Blue, Titanium**

Brand: MSI **Product family: Gaming Product code: RAIDER GE66** 12UGS-668CA

Product name: Raider GE66

12UGS-668CA

- Windows 11 Home
- Intel Core i9-12900H (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 3070 Ti (8GB GDDR5X)
- 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD

Intel Core i9-12900H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel Iris Xe Graphics, NVIDIA GeForce RTX 3070 Ti (8GB GDDR5X), LAN, WLAN, Webcam, Windows 11 Home

MSI Gaming Raider GE66 12UGS-668CA. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-12900H. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA GeForce RTX 3070 Ti. Operating system installed: Windows 11 Home. Product colour: Blue, Titanium



Design		Network	
Product type * Product colour * Form factor *	Laptop Blue, Titanium Clamshell	Top Wi-Fi standard * Wi-Fi standards Mobile network connection *	Wi-Fi 6E (802.11ax) Wi-Fi 6E (802.11ax)
Display		Antenna type	2x2
Display diagonal * Display resolution * Touchscreen * HD type Native aspect ratio	39.6 cm (15.6") 1920 x 1080 pixels X Full HD 16:9	WLAN controller model Ethernet LAN Ethernet LAN data rates Bluetooth Bluetooth version	Killer Wi-Fi 6E AX1675 10,100,1000,2500 Mbit/s 5.2
RGB colour space	sRGB	Ports & interfaces	
Colour gamut Maximum refresh rate	100% 360 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor manufacturer * Processor family *	Intel Intel® Core™ i9	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor generation	12th gen Intel® Core™ i9	Ethernet LAN (RJ-45) ports	1
Processor model *	i9-12900H	HDMI ports quantity *	1
Processor cores	14	HDMI version	2.1
Configurable TDP-down	35 W	Mini DisplayPorts quantity	1
Memory		Thunderbolt 4 ports quantity Intel® Thunderbolt 4	1
Internal memory *	16 GB		✓
Internal memory type	DDR5-SDRAM	Combo headphone/mic port	✓
Memory clock speed Memory form factor	4800 MHz SO-DIMM	USB Type-C DisplayPort Alternate Mode	✓
Memory layout (slots x size)	2 x 8 GB	Keyboard	
Memory slots	2x SO-DIMM	Pointing device	Touchpad
Maximum internal memory *	64 GB	Numeric keypad *	×
Storage		Keyboard backlit	✓
Total storage capacity *	1 TB	Keyboard backlit colour	RGB
Storage media *	SSD	Software	
Total SSDs capacity	1 TB	Operating system installed *	Windows 11 Home

Storage		Processor special features	
Number of SSDs installed	1	Intel Flex Memory Access	1
SSD capacity	1 TB	Intel Trusted Execution Technology	✓
SSD interface NVMe	PCI Express ✓	Intel VT-x with Extended Page Tables (EPT)	•
Optical drive type *	×	Intel Stable Image Platform Program (SIPP)	✓
Card reader integrated	√	Execute Disable Bit	✓
Compatible memory cards	SD	CPU configuration (max)	1
Graphics		Embedded options available	×
Discrete GPU manufacturer Discrete graphics card model *	NVIDIA NVIDIA GeForce RTX 3070 Ti	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card memory	8 GB	Intel Virtualization Technology (VT-x)	✓
Discrete graphics memory type On-board graphics card *	GDDR5X ✓	Battery	
Discrete graphics card * On-board graphics card family On-board graphics card model *	Intel Iris Xe Graphics Intel Iris Xe Graphics	Battery technology Number of battery cells Battery capacity *	Lithium Polymer (LiPo) 4 99.9 Wh
Audio		Power	
Number of built-in speakers	2	AC adapter power	280 W
Speaker power	2 W	Weight & dimensions	
Camera		Width	358 mm
Front camera	✓	Depth	267 mm
Front camera HD type	Full HD	Height	23.4 mm
Video capturing speed	30 fps	Weight *	2.38 kg





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Catalog Object Cloud



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