

## MSI GF63 THIN 12VE-264PL / i5-12450H / RTX 4050 / 144 HZ



### TECHNICAL DETAILS

Category	Laptop
Diagonal (in)	15.6
Resolution (px×px)	1920x1080
Processor	3.3GHz Intel Core i5-12450H
Operating system	Windows 10 Home 64-bit
Memory	16GB RAM DDR4 3200MHz
Storage	512GB M.2 SSD PCIe NVMe
Graphics	NVIDIA GeForce RTX 4050
Connectors	2 x 3.5mm jack (Audio input/output)
Connectors	3 x USB-A 3.2 Gen 1
Connectors	1 x HDMI (Output)
Connectors	1 x USB-C
Connectors	1 x Ethernet (RJ45)
Connectivity	WiFi 6
Connectivity	Bluetooth 5.2
Connectivity	LAN 1Gb/s
Width (mm)	359
Height (mm)	21.7
Depth (mm)	254
Net weight (kg)	1.86

### PRODUCT DESCRIPTION

The MSI GF63 Thin is a powerful laptop in the 12VE-264PL variant, which features a 12th-generation Intel Core i5 processor, NVIDIA GeForce RTX 4050 graphics unit, and a 144Hz refresh rate matrix.

The laptop offers a 15.6-inch diagonal on an IPS matrix along with an anti-reflective coating. The screen resolution is 1920x1080 pixels.

The Intel Core i5-12450H processor is a unit with eight cores and twelve threads, which runs at a base frequency of 2GHz and 4.4GHz in Max Turbo mode. The GF63 laptop uses an NVIDIA GeForce RTX 4050 graphics card based on the Ada Lovelace architecture, which has 6GB of GDDR6 96-bit memory. The laptop also features 16GB of DDR4-3200 RAM, a 512-gigabyte M.2 PCIe SSD and Windows 10 Home.

The GF63 Thin offers 3 USB-A 3.2 Gen 2 ports, one USB-C port, an RJ45 jack, as well as HDMI output. The hardware supports Intel Wifi 6 AX201 and Bluetooth 5.2 protocols.

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