



MSI Gaming Thin GF63 12UC-1050NL Intel® Core™ i7 i7-12650H Laptop 39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11 Home Zwart

Merk : MSI

Productfamilie: Gaming

Artikelcode: THIN GF63
12UC-1050NL



Productnaam : Thin GF63
12UC-1050NL

- Windows 11 Home
- Intel Core i7-12650H (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 3050 (4GB GDDR6)
- 16GB (3200MHz) DDR4-SDRAM (2 x 8) & 512GB SSD
Intel Core i7-12650H (24MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel UHD Graphics, NVIDIA GeForce RTX 3050 (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home
MSI Gaming Thin GF63 12UC-1050NL. Type product: Laptop, Vormfactor: Clamshell. Processorfamilie: Intel® Core™ i7, Processormodel: i7-12650H. Beeldscherm diagonaal: 39,6 cm (15.6"), HD type: Full HD, Resolutie: 1920 x 1080 Pixels. Intern geheugen: 16 GB, Intern geheugentype: DDR4-SDRAM. Totale opslagcapaciteit: 512 GB, Opslagmedia: SSD. On-board graphics adapter model: Intel® UHD Graphics, Discreet grafische adapter model: NVIDIA GeForce RTX 3050. Inclusief besturingssysteem: Windows 11 Home. Kleur van het product: Zwart



Design		Camera	
Type product *	Laptop	Voorcamera HD-type	HD
Kleur van het product *	Zwart	Video capturing speed	30 fps
Vormfactor *	Clamshell	Netwerk	
Beeldscherm		Wifi-standaard *	Wi-Fi 6 (802.11ax)
Beeldscherm diagonaal *	39,6 cm (15.6")	Wi-Fi-standaarden	Wi-Fi 6 (802.11ax)
Resolutie *	1920 x 1080 Pixels	Mobiele netwerkverbinding *	✗
Touchscreen *	✗	WLAN-controller-model	Intel Wi-Fi 6 AX201
HD type	Full HD	Fabrikant van de WLAN-controller	Intel
Oorspronkelijke beeldverhouding	16:9	Ethernet LAN	✓
Helderheid	250 cd/m ²	Ethernet LAN, data-overdrachtsnelheden	10,100,1000 Mbit/s
Maximale refresh snelheid	144 Hz	Bluetooth	✓
Processor		Bluetooth-versie	5.2
Processorfabrikant *	Intel	Poorten & interfaces	
Processorfamilie *	Intel® Core™ i7	Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A *	3
Processorgeneratie	Intel® 12de generatie Core™ i7	Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type C *	1
Processormodel *	i7-12650H	Aantal Ethernet LAN (RJ-45)-poorten	1
Aantal processorkernen	10	Aantal HDMI-poorten *	1
Maximale turbofrequentie van processor	4,7 GHz	Hoofdtelefoonuitgangen	1
Prestatiekernen	6	Microfoon, line-in ingang	✓
Efficiënte kernen	4	USB Type-C DisplayPort alternatieve modus	✓
Performance-core Max Turbo Frequency	4,7 GHz	Prestatie	
Efficient-core Max Turbo Frequency	3,5 GHz	Chipset moederbord	Intel HM670
Processor cache	24 MB	Toetsenbord	
Processor cache type	Smart Cache	Aanwijsapparaat	Touchpad
Configureerbare TDP-down	35 W		
Processor basisvermogen	45 W		
Maximaal turbovermogen	115 W		

Geheugen		Toetsenbord	
Intern geheugen *	16 GB	Numeriek toetsenblok *	✗
Intern geheugentype	DDR4-SDRAM	Keyboard met achtergrondverlichting	✓
Kloksnelheid geheugen	3200 MHz	Kleur achtergrondverlichting van toetsenbord	Rood
Geheugenlayout	2 x 8 GB		
Maximum intern geheugen *	64 GB		
Opslagmedia		Software	
Totale opslagcapaciteit *	512 GB	Inclusief besturingssysteem *	Windows 11 Home
Opslagmedia *	SSD		MSI System Control Manager MSI BurnRecovery MSI Remind Manager MSI Battery Calibration MSI Help Desk Norton Internet Security (trail 60days) Norton Studio (Metro) (permanent free) Nvidia GeForce Experience Microsoft Office 2016 (trial 30 days, 1 year per purchase) True Color 2.0 Nahimic 3 Dragon Center 2.0
Totale capaciteit SSD's	512 GB		
Aantal geïnstalleerde SSD's	1		
SSD capaciteit	512 GB	Meegeleverde software	
SSD interfaces	PCI Express 4.0		
NVMe	✓		
Soort optische drive *	✗		
Grafisch		Processor speciale functies	
Fabrikant van aparte grafische adapter	NVIDIA	Intel® Flex Memory Access	✓
Discreet grafische adapter model *	NVIDIA GeForce RTX 3050	Intel® VT-x with Extended Page Tables (EPT)	✓
Grafische geheugen	4 GB	Execute Disable Bit	✓
Specifiek grafisch geheugentype	GDDR6	CPU configuratie (max)	1
Ingebouwde grafische adapter *	✓	Ingebouwde opties beschikbaar	✗
Interne-GPU-fabrikant	Intel	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Aparte grafische adapter *	✓	Intel® Virtualization Technology (VT-x)	✓
Familie ingebouwde grafische adapter	Intel® UHD Graphics		
On-board graphics adapter model *	Intel® UHD Graphics		
Audio		Accu/Batterij	
Audiosysteem	NAHIMIC 3	Aantal batterijcellen	3
Aantal ingebouwde luidsprekers	2	Batterijcapaciteit *	52,4 Wh
Merk luidsprekers	Nahimic		
Vermogen luidsprekers	2 W		
Camera		Energie	
Camera voorzijde	✓	AC-adapter, vermogen	120 W
		Beveiliging	
		Bevestigingsmogelijkheid voor kabelslot	✓
		Kabelslot sleuf type	Kensington
		Gewicht en omvang	
		Breedte	359 mm
		Diepte	254 mm
		Hoogte	21,7 mm
		Gewicht *	1,86 kg



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