



MSI Gaming Thin GF63 12UC-1051BE 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-1051BE

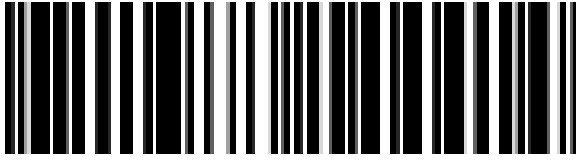
Productnaam : Thin GF63 12UC-1051BE

- 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-1051BE. Producttype: Laptop, Form factor: Clamshell. Processorfamilie: Intel® Core™ i7, Processormodel: i7-12650H. Beeldschermdiagonaal: 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		Audio	
Producttype *	Laptop	Vermogen luidsprekers	2 W
Kleur van het product *	Zwart	Camera	
Vormfactor *	Clamshell	Camera voorzijde	✓
Beeldscherm		Voorcamera HD-type	HD
Beeldschermdiagonaal *	39,6 cm (15.6")	Video capturing speed	30 fps
Resolutie *	1920 x 1080 Pixels	Netwerk	
Touchscreen *	✗	Wifi-standaard *	Wi-Fi 6 (802.11ax)
HD type	Full HD	Wi-Fi-standaarden	Wi-Fi 6 (802.11ax)
Oorspronkelijke beeldverhouding	16:9	Mobiele netwerkverbinding *	✗
Helderheid	250 cd/m²	WLAN-controller-model	Intel Wi-Fi 6 AX201
Maximale refresh snelheid	144 Hz	Fabrikant van de WLAN-controller	Intel
Processor		Ethernet LAN	✓
Processorfabrikant *	Intel	Ethernet LAN, data-overdrachtsnelheden	10,100,1000 Mbit/s
Processorfamilie *	Intel® Core™ i7	Bluetooth	✓
Processorgeneratie	Intel® 12de generatie Core™ i7	Bluetooth-versie	5.2
Processormodel *	i7-12650H	Poorten & interfaces	
Aantal processorkernen	10	Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A *	3
Maximale turbofrequentie van processor	4,7 GHz	Aantal poortenUSB 3.2 Gen 1 (3.1 Gen 1) Type C *	1
Prestatiekernen	6	Aantal Ethernet LAN (RJ-45)-poorten	1
Efficiënte kernen	4	Aantal HDMI-poorten *	1
Performance-core Max Turbo Frequency	4,7 GHz	Hoofdtelefoonuitgangen	1
Efficient-core Max Turbo Frequency	3,5 GHz	Microfoon, line-in ingang	✓
Processor cache	24 MB	USB Type-C DisplayPort alternatieve modus	✓
Processor cache type	Smart Cache		
Configureerbare TDP-down	35 W		
Processor basisvermogen	45 W		
Maximaal turbovermogen	115 W		

Geheugen		Prestatie	
Intern geheugen *	16 GB	Chipset moederbord	Intel HM670
Intern geheugentype	DDR4-SDRAM	Toetsenbord	
Kloksnelheid geheugen	3200 MHz	Aanwijsapparaat	Touchpad
Geheugen form factor	SO-DIMM	Numeriek toetsenblok *	✗
Geheugenlayout	2 x 8 GB	Keyboard met achtergrondverlichting	✓
Geheugenslots	2x SO-DIMM	Kleur achtergrondverlichting van toetsenbord	Rood
Maximum intern geheugen *	64 GB	Software	
Opslagmedia		Inclusief besturingssysteem *	Windows 11 Home
Totale opslagcapaciteit *	512 GB	Meegeleverde software	MSI System Control Manager MSI BurnRecovery MSI Remind Manager MSI Battery Calibration MSI Help Desk Norton Internet Security (trial 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
Opslagmedia *	SSD		
Totale capaciteit SSD's	512 GB		
Aantal geïnstalleerde SSD's	1		
Solid State Drive (SSD) capaciteit	512 GB		
Solid State Drive (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)	✓
Discreet grafische adaptergeheugen	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	Accu/Batterij	
On-board graphics adapter model *	Intel® UHD Graphics	Aantal cellen in de batterij	3
Audio		Accu/Batterij capaciteit *	52,4 Wh
Audiosysteem	Nahimic 3	Energie	
Aantal ingebouwde luidsprekers	2	AC-adapter, vermogen	120 W
Merk luidsprekers	Nahimic	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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