

**MSI Gaming Thin GF63 12VF-271BE Intel® Core™ i7 i7-12650H Laptop 39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Zwart**

**Merk :** MSI

**Productfamilie:** Gaming

**Artikelcode:** THIN GF63 12VF-271BE

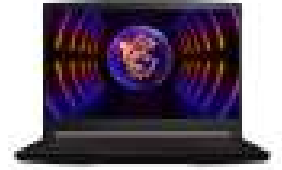
**Productnaam :** Thin GF63 12VF-271BE

- Windows 11 Home
  - Intel Core i7-12650H (24MB Cache)
  - 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 4060 (8GB 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 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

MSI Gaming Thin GF63 12VF-271BE Intel® Core™ i7 i7-12650H Laptop 39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Zwart:

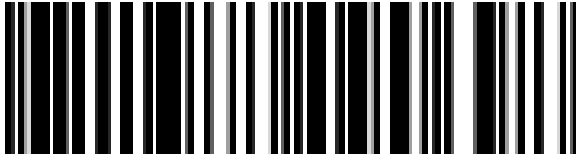
**DEFTLY I PLAY**

Maak je klaar om de wereld van games te betreden: Geïnspireerd door mainstream games zoals Fortnite, PUBG:Battlegrounds en Valorant met levendige kleuren, zwevende eilanden, gevechtssklare battleships en fancy charactes, vertegenwoordigt Thin GF63' belangrijkste visuals de volgende generatie hardware van de laptop, krachtig genoeg voor mainstream PvP gaming, met behoud van een dunne en draagbare laptop.



| Design                                 |                                | Audio   |                     |
|--|--------------------------------|---|---------------------|
| Producttype *                          | Laptop                         | Audiosysteem                                      | Nahimic 3           |
| Kleur van het product *                | Zwart                          | Aantal ingebouwde luidsprekers                    | 2                   |
| Vormfactor *                           | Clamshell                      | Merk luidsprekers                                 | Nahimic             |
| <b>Beeldscherm</b>                     |                                | Vermogen luidsprekers                             | 2 W                 |
| Beeldschermdiagonaal *                 | 39,6 cm (15.6")                | <b>Camera</b>                                     |                     |
| Resolutie *                            | 1920 x 1080 Pixels             | Camera voorzijde                                  | ✓                   |
| Touchscreen *                          | ✗                              | Voorcamera HD-type                                | HD                  |
| HD type                                | Full HD                        | Video capturing speed                             | 30 fps              |
| Oorspronkelijke beeldverhouding        | 16:9                           | <b>Netwerk</b>                                    |                     |
| Helderheid                             | 250 cd/m <sup>2</sup>          | Wifi-standaard *                                  | Wi-Fi 6 (802.11ax)  |
| Maximale refresh snelheid              | 144 Hz                         | Wi-Fi-standaarden                                 | Wi-Fi 6 (802.11ax)  |
| <b>Processor</b>                       |                                | Mobiele netwerkverbinding *                       | ✗                   |
| Processorfabrikant *                   | Intel                          | WLAN-controller-model                             | Intel Wi-Fi 6 AX201 |
| Processorfamilie *                     | Intel® Core™ i7                | Fabrikant van de WLAN-controller                  | Intel               |
| Processorgeneratie                     | Intel® 12de generatie Core™ i7 | Ethernet LAN                                      | ✓                   |
| Processormodel *                       | i7-12650H                      | Ethernet LAN, data-overdrachtsnelheden            | 10,100,1000 Mbit/s  |
| Aantal processorkernen                 | 10                             | Bluetooth   | ✓                   |
| Processor aantal threads               | 16                             | Bluetooth-versie                                  | 5.2                 |
| Maximale turbofrequentie van processor | 4,7 GHz                        | <b>Poorten &amp; interfaces</b>                   |                     |
| Prestatiekernen                        | 6                              | Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A * | 3                   |
| Efficiënte kernen                      | 4                              | Aantal poortenUSB 3.2 Gen 1 (3.1 Gen 1) Type C *  | 1                   |
| Performance-core Max Turbo Frequency   | 4,7 GHz                        | Aantal Ethernet LAN (RJ-45)-poorten               | 1                   |
| Efficient-core Max Turbo Frequency     | 3,5 GHz                        | Aantal HDMI-poorten *                             | 1                   |
| Processor cache                        | 24 MB                          | Hoofdtelefoonuitgangen                            | 1                   |
| Processor cache type                   | Smart Cache                    | Microfoon, line-in ingang                         | ✓                   |
| 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  |
| Geheugenlayout                         | 2 x 8 GB                | Numeriek toetsenblok *                       | ✗   |
| Maximum intern geheugen *              | 64 GB                   | Keyboard met achtergrondverlichting          | ✓   |
| Opslagmedia                            |                         | Kleur achtergrondverlichting van toetsenbord | Rood  |
| Totale opslagcapaciteit *              | 512 GB                  | Software                                     |   |
| Opslagmedia *                          | SSD                     | Inclusief besturingssysteem *                | Windows 11 Home   |
| Totale capaciteit SSD's                | 512 GB                  |  | 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 Nvidia GeForce Experience Microsoft Office 2016 (trial 30 days, 1 year per purchase) True Color 2.0 Nahimic 3 Dragon Center 2.0 |
| Aantal geïnstalleerde SSD's            | 1                       | Meegeleverde software                        |   |
| Solid State Drive (SSD) capaciteit     | 512 GB                  |  |   |
| Solid State Drive (SSD) interfaces     | PCI Express 4.0         |  |   |
| NVMe                                   | ✓                       |  |   |
| Soort optische drive *                 | ✗                       |  |   |
| Grafisch                               |                         |  |   |
| Fabrikant van aparte grafische adapter | NVIDIA                  |  |   |
| Discreet grafische adapter model *     | NVIDIA GeForce RTX 4060 |  |   |
| Discreet grafische adaptergeheugen     | 8 GB                    |  |   |
| Specifiek grafisch geheugentype        | GDDR6                   |  |   |
| Ingebouwde grafische adapter *         | ✓                       |  |   |
| Interne-GPU-fabrikant                  | Intel                   |  |   |
| Aparte grafische adapter *             | ✓                       |  |   |
| Familie ingebouwde grafische adapter   | Intel® UHD Graphics     |  |   |
| On-board graphics adapter model *      | Intel® UHD Graphics     |  |   |
| Accu/Batterij                          |                         |  |   |
|  |                         | Aantal cellen in de batterij                 | 3   |
|  |                         | Accu/Batterij capaciteit *                   | 51 Wh   |
| Energie                                |                         |  |   |
|  |                         | 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   |
| Overige specificaties                  |                         |  |   |
|  |                         | Garantieperiode                              | 2 jaar  |



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Publication date: 31-OCT-2024. Prints or copies of Information are only valid on the printed Publication date