



## MSI Modern 15 H C13M-203NL Intel® Core™ i9 i9-13900H Laptop 39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Zwart

**Merk :** MSI

**Productfamilie:** Modern

**Artikelcode:** MODERN 15 H  
C13M-203NL



**Productnaam :** Modern 15 H  
C13M-203NL

- Windows 11 Pro  
- Intel Core i9-13900H (24MB Cache)  
- 39.6 cm (15.6") Full HD 1920 x 1080  
- 16GB (3200MHz) DDR4-SDRAM (2 x 8) & 1000GB SSD  
Intel Core i9-13900H (24MB Cache), 16GB DDR4-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Pro  
MSI Modern 15 H C13M-203NL. Type product: Laptop, Vormfactor: Clamshell. Processorfamilie: Intel® Core™ i9, Processormodel: i9-13900H. 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: 1 TB, Opslagmedia: SSD. On-board graphics adapter model: Intel Iris Xe Graphics. Inclusief besturingssysteem: Windows 11 Pro. Kleur van het product: Zwart. Gewicht: 1,8 kg



| Design                                 |                                | Grafisch  |                        |
|--|--------------------------------|---|------------------------|
| Kleurnaam                              | Classic Black                  | Familie ingebouwde grafische adapter            | Intel Iris Xe Graphics |
| Type product *                         | Laptop                         | On-board graphics adapter model *               | Intel Iris Xe Graphics |
| Kleur van het product *                | Zwart                          | <b>Audio</b>                                    |                        |
| Vormfactor *                           | Clamshell                      | Audiosysteem                                    | Nahimic 3              |
| <b>Beeldscherm</b>                     |                                | Aantal ingebouwde luidsprekers                  | 2                      |
| Beeldscherm diagonaal *                | 39,6 cm (15.6")                | Merk luidsprekers                               | Nahimic                |
| Resolutie *                            | 1920 x 1080 Pixels             | Vermogen luidsprekers                           | 2 W                    |
| Touchscreen *                          | ✗                              | <b>Camera</b>                                   |                        |
| HD type                                | Full HD                        | Camera voorzijde                                | ✓                      |
| Oorspronkelijke beeldverhouding        | 16:9                           | Resolutie camera voorzijde                      | 1280 x 720 Pixels      |
| Antireflectiescherm                    | ✓                              | Voorcamera HD-type                              | HD                     |
| Helderheid                             | 250 cd/m <sup>2</sup>          | Video capturing speed                           | 30 fps                 |
| Maximale refresh snelheid              | 60 Hz                          | <b>Netwerk</b>                                  |                        |
| <b>Processor</b>                       |                                | Wifi-standaard *                                | Wi-Fi 6E (802.11ax)    |
| Processorfabrikant *                   | Intel                          | Wi-Fi-standaarden                               | Wi-Fi 6E (802.11ax)    |
| Processorfamilie *                     | Intel® Core™ i9                | Mobiele netwerkverbinding *                     | ✗                      |
| Processorgeneratie                     | Intel® 13de generatie Core™ i9 | WLAN-controller-model                           | Intel Wi-Fi 6E AX211   |
| Processormodel *                       | i9-13900H                      | Fabrikant van de WLAN-controller                | Intel                  |
| Aantal processorkernen                 | 14                             | Bluetooth                                       | ✓                      |
| Maximale turbofrequentie van processor | 5,4 GHz                        | Bluetooth-versie                                | 5.3                    |
| Prestatiekernen                        | 6                              | <b>Poorten &amp; interfaces</b>                 |                        |
| Efficiënte kernen                      | 8                              | Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type A | 3                      |
| Performance-core Max Turbo Frequency   | 5,4 GHz                        | Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type C | 1                      |
| Efficient-core Max Turbo Frequency     | 4,1 GHz                        | Aantal HDMI-poorten *                           | 1                      |
| Processor cache                        | 24 MB                          | HDMI versie                                     | 2.1                    |
| Processor cache type                   | Smart Cache                    |   |                        |
| Processor basisvermogen                | 45 W                           |   |                        |

|                                    |                      |  |                |
|------------------------------------|----------------------|--|----------------|
| <b>Processor</b>                   |                      | <b>Poorten &amp; interfaces</b>              |                |
| Maximaal turbovermogen             | 115 W                | Combo koptelefoon/microfoon port             | ✓              |
| <b>Geheugen</b>                    |                      | USB Type-C DisplayPort alternatieve modus    | ✓              |
| Intern geheugen *                  | 16 GB                | <b>Toetsenbord</b>                           |                |
| Intern geheugentype                | DDR4-SDRAM           | Aanwijsapparaat                              | Touchpad       |
| Kloksnelheid geheugen              | 3200 MHz             | Numeriek toetsenblok *                       | ✓              |
| Geheugenlayout                     | 2 x 8 GB             | Keyboard met achtergrondverlichting          | ✓              |
| Geheugenslots                      | 2x SO-DIMM           | Kleur achtergrondverlichting van toetsenbord | Wit            |
| Maximum intern geheugen *          | 64 GB                | <b>Software</b>                              |                |
| <b>Opslagmedia</b>                 |                      | Inclusief besturingssysteem *                | Windows 11 Pro |
| Totale opslagcapaciteit *          | 1 TB                 | <b>Accu/Batterij</b>                         |                |
| Opslagmedia *                      | SSD                  | Aantal batterijcellen                        | 3              |
| Totale capaciteit SSD's            | 1 TB                 | Batterijcapaciteit *                         | 53,8 Wh        |
| Aantal geïnstalleerde SSD's        | 1                    | <b>Energie</b>                               |                |
| SSD capaciteit                     | 1 TB                 | AC-adapter, vermogen                         | 90 W           |
| SSD interfaces                     | PCI Express 4.0      | <b>Beveiliging</b>                           |                |
| NVMe                               | ✓                    | Trusted Platform Module (TPM)                | ✓              |
| Soort optische drive *             | ✗                    | Trusted Platform Module (TPM) version        | 2.0            |
| Geïntegreerde geheugenkaartlezer   | ✓                    | <b>Gewicht en omvang</b>                     |                |
| Compatibele geheugenkaarten        | MicroSD (TransFlash) | Breedte                                      | 359 mm         |
| <b>Grafisch</b>                    |                      | Diepte                                       | 241 mm         |
| Discreet grafische adapter model * | Niet beschikbaar     | Hoogte                                       | 19,9 mm        |
| Ingebouwde grafische adapter *     | ✓                    | Gewicht *                                    | 1,8 kg         |
| Interne-GPU-fabrikant              | Intel                |  |                |
| Aparte grafische adapter *         | ✗                    |  |                |



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