**Lenovo**

# Lenovo ThinkCentre M70q Intel® Core™ i3 i3-13100T 16 GB DDR5-SDRAM 256 GB SSD Windows 11 Pro Mini PC Negro

**Marca :** Lenovo

**Familia de productos:**
ThinkCentre

**Código del producto:**
12TE000TLS

**Nombre del producto :** M70q

- Windows 11 Pro 64-bit
- Intel Core i3-13100T (12MB Cache)
- 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 256GB SSD

Intel Core i3-13100T (12MB Cache), 16GB DDR5-SDRAM, 256GB SSD, Intel UHD Graphics 730, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

Lenovo ThinkCentre M70q. Familia de procesador: Intel® Core™ i3, Modelo del procesador: i3-13100T. Memoria interna: 16 GB, Tipo de memoria interna: DDR5-SDRAM, Velocidad de memoria del reloj: 4800 MHz. Capacidad total de almacenaje: 256 GB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel UHD Graphics 730. Sistema operativo instalado: Windows 11 Pro, Arquitectura del sistema operativo: 64-bit. Fuente de alimentación: 65 W. Tipo de chasis: Mini PC. Tipo de producto: Mini PC. Peso: 1.25 kg. Color del producto: Negro

## Processor

| | |
|---|---|
| Processor manufacturer * | Intel |
| Processor family * | Intel® Core™ i3 |
| Processor generation | Intel Core i3-13xxx |
| Processor model * | i3-13100T |
| Processor cores | 4 |
| Processor threads | 8 |
| Processor boost frequency | 4.2 GHz |
| Performance cores | 4 |
| Performance-core Max Turbo Frequency | 4.2 GHz |
| Performance-core base frequency | 2.5 GHz |
| Processor cache | 12 MB |
| Processor cache type | Smart Cache |
| Number of processors installed | 1 |
| Processor base power | 35 W |
| Maximum turbo power | 69 W |

## Memory

| | |
|---|---|
| Internal memory * | 16 GB |
| Maximum internal memory * | 64 GB |
| Internal memory type | DDR5-SDRAM |
| Memory layout (slots x size) | 2 x 8 GB |
| Memory slots | 2x SO-DIMM |
| Memory clock speed | 4800 MHz |
| Memory channels | Dual-channel |

## Storage

| | |
|---|---|
| Total storage capacity * | 256 GB |
| Storage media * | SSD |
| Optical drive type * | ✘ |

## Ports & interfaces

| | |
|---|---|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 4 |
| HDMI ports quantity * | 1 |
| HDMI version | 2.1 |
| DisplayPorts quantity | 1 |
| DisplayPort version | 1.4a |
| Ethernet LAN (RJ-45) ports | 1 |
| Combo headphone/mic port | ✔ |

## Design

| | |
|---|---|
| Chassis type * | Mini PC |
| Colour name | Raven black |
| Volume | 1 L |
| Placement supported | Vertical |
| VESA mounting | ✔ |
| Cable lock slot | ✔ |
| Cable lock slot type | Kensington |
| Product colour * | Black |

## Performance

| | |
|---|---|
| Motherboard chipset | Intel Q670 |
| Audio chip | Realtek ALC233VB |
| Audio system | High Definition Audio |
| Built-in speaker(s) | ✔ |
| Number of speakers | 1 |
| Password protection | ✔ |
| Password protection type | BIOS, HDD, Power on, Supervisor |
| Trusted Platform Module (TPM) | ✔ |

## Storage

| | |
|---|---|
| Number of storage drives installed | 1 |
| Total SSDs capacity | 256 GB |
| Number of SSDs installed | 1 |
| SSD capacity | 256 GB |
| SSD interface | PCI Express 4.0 |
| NVMe | ✔ |
| SSD form factor | M.2 |
| Card reader integrated | ✘ |

## Graphics

| | |
|---|---|
| Discrete graphics card * | ✘ |
| On-board graphics card * | ✔ |
| Discrete graphics card model * | Not available |
| On-board GPU manufacturer | Intel |
| On-board graphics card family | Intel® UHD Graphics |
| On-board graphics card model * | Intel UHD Graphics 730 |

## Network

| | |
|---|---|
| Ethernet LAN * | ✔ |
| Ethernet LAN data rates | 100,1000 Mbit/s |
| Cabling technology | 10/100/1000Base-T(X) |
| Wi-Fi * | ✔ |
| Top Wi-Fi standard | Wi-Fi 6 (802.11ax) |
| Wi-Fi standards | Wi-Fi 6 (802.11ax) |
| WLAN controller manufacturer | Intel |
| WLAN controller model | Realtek RTL8852BE |
| Antenna type | 2x2 |
| Bluetooth | ✔ |
| Bluetooth version | 5.3 |

## Ports & interfaces

| | |
|---|---|
| USB 2.0 ports quantity * | 1 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 |

## Performance

| | |
|---|---|
| Trusted Platform Module (TPM) version | 2.0 |
| Product type * | Mini PC |

## Software

| | |
|---|---|
| Operating system installed * | Windows 11 Pro |
| Operating system architecture | 64-bit |
| Operating system language | Spanish |

## Power

| | |
|---|---|
| Power supply * | 65 W |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 5 - 35 °C |
| Storage temperature (T-T) | -40 - 60 °C |
| Operating relative humidity (H-H) | 20 - 80% |
| Storage relative humidity (H-H) | 10 - 90% |
| Operating altitude | 0 - 3048 m |
| Non-operating altitude | 0 - 12192 m |

## Certificates

| | |
|---|---|
| Certification | ENERGY STAR® 8.0 ErP Lot 3 and Lot 7 RoHS compliant TCO Certified MIL-STD-810H |

## Weight & dimensions

| | |
|---|---|
| Width * | 179 mm |
| Depth * | 182.9 mm |
| Height * | 36.5 mm |
| Weight * | 1.25 kg |
| Package width | 490 mm |
| Package depth | 128 mm |
| Package height | 250 mm |
| Package weight | 3.2 kg |

## Packaging content

| | |
|---|---|
| Display included * | ✘ |
| Mouse included | ✔ |
| Mouse connectivity | Wired |
| Keyboard included | ✔ |
| Keyboard connectivity | Wired |

0198155378843

198155378843