



## Lenovo ThinkCentre M70t Intel® Core™ i5 i5-13400 8 GB DDR4-SDRAM 512 GB SSD Tower PC سیاه

**Brand :** Lenovo

**Product family:** ThinkCentre

**Product code:** 12DR0021GP

**Product name :** M70t

Lenovo ThinkCentre M70t. خانواده پردازنده: Intel® Core™ i5. مدل پردازنده: i5-13400. Internal memory: 8 GB, نوع حافظه داخلی: DDR4-SDRAM, 3200 MHz. سرعت حافظه ساعت: 512 GB, Storage media: SSD. مدل آداپتور گرافیکی در روی برد: Intel UHD Graphics 730. 260 W. منبع تغذیه: Tower. نوع: PC. 5,9 kg. وزن: 5,9. رنگ محصول: سیاه.



| Processor                            |                          | Ports & interfaces                                |                           |
|--------------------------------------|--------------------------|---|---------------------------|
| Processor manufacturer *             | Intel                    | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2                         |
| Processor family *                   | Intel® Core™ i5          | HDMI ports quantity *                             | 1                         |
| Processor generation                 | 13th gen Intel® Core™ i5 | HDMI version                                      | 2.1                       |
| Processor model *                    | i5-13400                 | DisplayPorts quantity                             | 2                         |
| Processor cores                      | 10                       | DisplayPort version                               | 1.4a                      |
| Processor threads                    | 16                       | Ethernet LAN (RJ-45) ports                        | 1                         |
| Processor boost frequency            | 4.6 GHz                  | Microphone in                                     | ✓                         |
| Performance cores                    | 6                        | Line-out  | ✓                         |
| Efficient cores                      | 4                        | Combo headphone/mic port                          | ✓                         |
| Performance-core Max Turbo Frequency | 4.6 GHz                  | Design  |                           |
| Efficient-core Max Turbo Frequency   | 3.3 GHz                  | Chassis type *                                    | Tower                     |
| Performance-core base frequency      | 2.5 GHz                  | Colour name                                       | Black                     |
| Efficient-core base frequency        | 1.8 GHz                  | Volume  | 13.6 L                    |
| Processor cache                      | 20 MB                    | Placement supported                               | Vertical                  |
| Processor cache type                 | Smart Cache              | Cable lock slot                                   | ✓                         |
| Number of processors installed       | 1                        | Cable lock slot type                              | Kensington                |
| Processor base power                 | 65 W                     | Product colour *                                  | Black                     |
| Maximum turbo power                  | 148 W                    | Performance                                       |                           |
| Memory                               |                          | Motherboard chipset                               | Intel Q670                |
| Internal memory *                    | 8 GB                     | Audio chip  | Realtek ALC897Q-CG        |
| Maximum internal memory *            | 128 GB                   | Audio system                                      | High Definition Audio     |
| Internal memory type                 | DDR4-SDRAM               | Built-in speaker(s)                               | ✓                         |
| Memory layout (slots x size)         | 1 x 8 GB                 | Number of speakers                                | 1                         |
| Memory slots                         | 4x DIMM                  | Password protection                               | ✓                         |
| Memory clock speed                   | 3200 MHz                 | Password protection type                          | HDD, Power on, Supervisor |
| Memory channels                      | Dual-channel             | Trusted Platform Module (TPM)                     | ✓                         |

| Storage   |                        | Performance                           |  |
|---|------------------------|---------------------------------------|--|
| Total storage capacity *                          | 512 GB                 | Trusted Platform Module (TPM) version | 2.0  |
| Storage media *                                   | SSD                    | Product type *                        | PC   |
| Optical drive type *                              | ✗                      | Software                              |  |
| Total SSDs capacity                               | 512 GB                 | Operating system installed *          | ✗  |
| Number of SSDs installed                          | 1                      | Power                                 |  |
| SSD capacity                                      | 512 GB                 | Power supply *                        | 260 W  |
| SSD interface                                     | PCI Express 4.0        | Power supply input voltage            | 100 - 240 V  |
| NVMe  | ✓                      | Power supply input frequency          | 50 - 60 Hz   |
| SSD form factor                                   | M.2                    | Operational conditions                |  |
| Card reader integrated                            | ✗                      | Operating temperature (T-T)           | 5 - 35 °C  |
| Graphics  |                        | Storage temperature (T-T)             | -40 - 60 °C  |
| Discrete graphics card *                          | ✗                      | Operating relative humidity (H-H)     | 20 - 80%   |
| On-board graphics card *                          | ✓                      | Storage relative humidity (H-H)       | 10 - 90%   |
| Discrete graphics card model *                    | Not available          | Operating altitude                    | 0 - 3048 m   |
| On-board GPU manufacturer                         | Intel                  | Non-operating altitude                | 0 - 12192 m  |
| On-board graphics card family                     | Intel® UHD Graphics    | Certificates                          |  |
| On-board graphics card model *                    | Intel UHD Graphics 730 | Compliance certificates               | RoHS   |
| Network   |                        | Certification                         | ErP Lot 3 RoHS compliant TCO<br>Certified 9.0 TÜV Rheinland Low<br>Noise TÜV Rheinland Ultra Low<br>Noise MIL-STD-810H |
| Ethernet LAN *                                    | ✓                      | Sustainability                        |  |
| Ethernet LAN data rates                           | 100,1000 Mbit/s        | Sustainability certificates           | TCO  |
| Cabling technology                                | 10/100/1000Base-T(X)   | Weight & dimensions                   |  |
| Wi-Fi *   | ✗                      | Width *                               | 145 mm   |
| Bluetooth   | ✗                      | Depth *                               | 296 mm   |
| Ports & interfaces                                |                        | Height *                              | 346 mm   |
| USB 2.0 ports quantity *                          | 4                      | Weight *                              | 5.9 kg   |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                      | Packaging content                     |  |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1                      | Mouse included                        | ✓  |
|   |                        | Mouse connectivity                    | Wired  |
|   |                        | Keyboard included                     | ✓  |
|   |                        | Keyboard connectivity                 | Wired  |
|   |                        | Display                               |  |
|   |                        | Display included *                    | ✗  |



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Publication date: 08-MAY-2025. Prints or copies of Information are only valid on the printed Publication date