



## Lenovo ThinkCentre M800 Intel® Core™ i5 i5-6400 8 GB DDR4-SDRAM 1 TB HDD Windows 7 Professional SFF PC Black

**Brand :** Lenovo

**Product family:** ThinkCentre

**Article code:** 10FY0018US

**Product name :** M800

THINKCENTRE M800 SFF I5-6400 2.7G 8GB 1TB DVDRW W10DG

Lenovo ThinkCentre M800. Processor frequency: 2.7 GHz, Processor family: Intel® Core™ i5, Processor model: i5-6400. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2133 MHz. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD±RW. On-board graphics card model: Intel® HD Graphics 530. Operating system installed: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 210 W. Chassis type: SFF. Product type: PC



| Processor                                      |                                   | Design   |                        |
|--|-----------------------------------|--|------------------------|
| Processor manufacturer *                       | Intel                             | Water cooling system                             | ✗                      |
| Processor family *                             | Intel® Core™ i5                   | Product color *                                  | Black                  |
| Processor generation                           | 6th gen Intel® Core™ i5           | <b>Performance</b>                               |                        |
| Processor model *                              | i5-6400                           | Motherboard chipset                              | Intel Q150             |
| Processor cores                                | 4                                 | Product type *                                   | PC                     |
| Processor threads                              | 4                                 | <b>Software</b>                                  |                        |
| Processor boost frequency                      | 3.3 GHz                           | Operating system architecture                    | 64-bit                 |
| Processor frequency *                          | 2.7 GHz                           | Recovery operating system                        | Windows 10 Pro         |
| Processor socket                               | LGA 1151 (Socket H4)              | Operating system installed *                     | Windows 7 Professional |
| Processor cache                                | 6 MB                              | <b>Processor special features</b>                |                        |
| Processor cache type                           | Smart Cache                       | Intel® Wireless Display (Intel® WiDi)            | ✓                      |
| System bus rate                                | 8 GT/s                            | Intel 64   | ✓                      |
| Bus type                                       | DMI3                              | Enhanced Intel SpeedStep Technology              | ✓                      |
| Processor lithography                          | 14 nm                             | Embedded options available                       | ✗                      |
| Processor operating modes                      | 64-bit                            | Intel® InTru™ 3D Technology                      | ✓                      |
| Processor series                               | Intel Core i5-6400 Desktop series | Intel® Insider™                                  | ✓                      |
| Processor codename                             | Skylake                           | Intel® Clear Video HD Technology (Intel® CVT HD) | ✓                      |
| Thermal Design Power (TDP)                     | 65 W                              | Intel Clear Video Technology                     | ✓                      |
| Tcase  | 71 °C                             | Intel VT-x with Extended Page Tables (EPT)       | ✓                      |
| PCI Express slots version                      | 3.0                               | Intel TSX-NI                                     | ✗                      |
| Maximum number of PCI Express lanes            | 16                                | Idle States                                      | ✓                      |
| PCI Express configurations                     | 1x16, 2x8, 1x8+2x4                | Thermal Monitoring Technologies                  | ✓                      |
| Number of processors installed                 | 1                                 | Intel Stable Image Platform Program (SIPP)       | ✗                      |
| Stepping                                       | R0                                | Intel® AES New Instructions (Intel® AES-NI)      | ✓                      |
| Maximum internal memory supported by processor | 64 GB                             | Intel® Secure Key                                | ✓                      |
| Memory types supported by processor            | DDR3L-SDRAM, DDR4-SDRAM           | Intel® OS Guard                                  | ✓                      |
| Memory clock speeds supported by processor     | 2133,1333,1600,1866 MHz           | Intel Trusted Execution Technology               | ✗                      |
| Memory bandwidth supported by processor (max)  | 34.1 GB/s                         | Execute Disable Bit                              | ✓                      |
| ECC supported by processor                     | ✗                                 | Intel® Smart Cache                               | ✓                      |
| Memory voltage supported by processor          | 1.35 V                            |  |                        |
| Memory   |                                   |  |                        |
| Internal memory *                              | 8 GB                              |  |                        |

| Memory  |                        | Processor special features  |                          |
|---|------------------------|---|--------------------------|
| Maximum internal memory *                         | 64 GB                  | Intel Enhanced Halt State   | ✓                        |
| Internal memory type                              | DDR4-SDRAM             | Intel Software Guard Extensions (Intel SGX)                                   | ✓                        |
| Memory layout (slots x size)                      | 1 x 8 GB               | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✓                        |
| Memory slots                                      | 4x DIMM                | Processor package size  | 37.5 x 37.5 mm           |
| Memory clock speed                                | 2133 MHz               | Supported instruction sets  | SSE4.2, AVX 2.0, SSE4.1  |
| Memory channels                                   | Dual-channel           | Processor code  | SR2BY                    |
| Storage   |                        | Scalability   | 1S                       |
| Total storage capacity *                          | 1 TB                   | CPU configuration (max)   | 1                        |
| Storage media *                                   | HDD                    | Graphics & IMC lithography  | 14 nm                    |
| Optical drive type *                              | DVD±RW                 | Thermal solution specification  | PCG 2015C                |
| Number of storage drives installed                | 1                      | Intel Virtualization Technology for Directed I/O (VT-d)                       | ✓                        |
| Number of HDDs installed                          | 1                      | Intel Identity Protection Technology version                                  | 1.00                     |
| HDD capacity                                      | 1 TB                   | Intel Stable Image Platform Program (SIPP) version                            | 0.00                     |
| Card reader integrated                            | ✗                      | Intel Secure Key Technology version   | 1.00                     |
| Graphics  |                        | Intel Virtualization Technology (VT-x)  | ✓                        |
| On-board graphics card *                          | ✓                      | Intel Small Business Advantage (SBA) version                                  | 1.00                     |
| Discrete graphics card model *                    | Not available          | Intel TSX-NI version  | 0.00                     |
| On-board graphics card family                     | Intel® HD Graphics     | Processor ARK ID  | 88185                    |
| On-board graphics card model *                    | Intel® HD Graphics 530 | Intel® Turbo Boost Technology   | 2.0                      |
| On-board graphics card base frequency             | 350 MHz                | Intel® Hyper Threading Technology (Intel® HT Technology)                      | ✗                        |
| On-board graphics card dynamic frequency (max)    | 950 MHz                | Intel® Quick Sync Video Technology  | ✓                        |
| Maximum on-board graphics card memory             | 64 GB                  | Intel® Identity Protection Technology (Intel® IPT)                            | ✓                        |
| Number of displays supported (on-board graphics)  | 3                      | Conflict-Free processor   | ✓                        |
| On-board graphics card DirectX version            | 12.0                   | Power   |                          |
| On-board graphics card OpenGL version             | 4.4                    | Power supply *  | 210 W                    |
| On-board graphics card ID                         | 1912                   | Certificates  |                          |
| Network   |                        | Compliance certificates   | RoHS                     |
| Ethernet LAN *                                    | ✓                      | Sustainability  |                          |
| Ethernet LAN data rates                           | 10,100,1000 Mbit/s     | Sustainability certificates   | ENERGY STAR              |
| Cabling technology                                | 10/100/1000Base-T(X)   | Weight & dimensions   |                          |
| Wi-Fi *   | ✗                      | Width *   | 13.3" (338 mm)           |
| Ports & interfaces                                |                        | Depth *   | 14.1" (357 mm)           |
| USB 2.0 ports quantity *                          | 2                      | Height *  | 3.46" (88 mm)            |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 6                      | Weight *  | 12.3 lbs (5.6 kg)        |
| VGA (D-Sub) ports quantity                        | 1                      | Packaging content   |                          |
| DVI port  | ✗                      | Mouse included  | ✓                        |
| DisplayPorts quantity                             | 2                      | Keyboard included   | ✓                        |
| Ethernet LAN (RJ-45) ports                        | 1                      | Display   |                          |
| Microphone in                                     | ✓                      | Display included *  | ✗                        |
| Headphone outputs                                 | 1                      | Other features  |                          |
| Serial ports quantity                             | 1                      | Optical drives quantity   | 1                        |
| Design  |                        | Intel segment tagging   | Enterprise, Professional |
| Chassis type *                                    | SFF                    |   |                          |
| Placement supported                               | Horizontal/Vertical    |   |                          |

## Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.