



DELL OptiPlex 5050 i5-7500 Mini Tower Intel® Core™ i5 8 GB DDR4-SDRAM 1000 GB HDD Windows 10 Pro PC Black

Brand : DELL

Product family: OptiPlex

Product code: T0FV0

Product name : 5050

Intel Core i5-7500, 8GB (DDR4), 1TB (HDD), Intel HD Graphics 630, Windows 10 Pro (64 bit), DVD±RW, 4 x USB 2.0, 6 x USB 3.0, 1 x HDMI, 2 x DisplayPort, 1 x Serial, 1 x LAN, 2 x PS/2, 7.93 kg
DELL OptiPlex 5050. Processor frequency: 3.4 GHz, Processor family: Intel® Core™ i5, Processor: i5-7500. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2400 MHz. Total storage capacity: 1000 GB, Storage media: HDD, Optical drive type: DVD±RW. On-board graphics card model: Intel® HD Graphics 630. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Power supply: 240 W. Chassis type: Mini Tower. Product type: PC



| Processor | | Design | |
|--|-----------------------------------|--|--------------------------|
| Processor manufacturer * | Intel | Placement supported | Vertical |
| Processor generation | 7th gen Intel® Core™ i5 | Number of 3.5" bays | 1 |
| Processor * | i5-7500 | Number of 2.5" bays | 1 |
| Processor family * | Intel® Core™ i5 | Product colour * | Black |
| Processor number of cores | 4 | Performance | |
| Processor frequency * | 3.4 GHz | Market positioning | Business |
| Processor boost frequency | 3.8 GHz | Motherboard chipset | Intel® Q270 |
| Processor socket | LGA 1151 (Socket H4) | Audio chip | Realtek ALC3234 |
| Processor cache | 6 MB | Audio system | High Definition Audio |
| Processor cache type | Smart Cache | Password protection | ✓ |
| Processor threads | 4 | Password protection type | BIOS, User |
| System bus data transfer rate | 8 GT/s | Product type * | PC |
| Bus type | DMI3 | Software | |
| Processor lithography | 14 nm | Operating system installed * | Windows 10 Pro |
| Processor operating modes | 64-bit | Operating system architecture | 64-bit |
| Processor series | Intel Core i5-7500 Desktop Series | Operating system language | German |
| Processor codename | Kaby Lake | Trial software | Microsoft Office, McAfee |
| Thermal Design Power (TDP) | 65 W | Processor special features | |
| Tjunction | 100 °C | Intel 64 | ✓ |
| PCI Express slots version | 3.0 | Enhanced Intel SpeedStep Technology | ✓ |
| Maximum number of PCI Express lanes | 16 | Embedded options available | ✓ |
| PCI Express configurations | 1x16, 1x8+2x4, 2x8 | Intel® InTru™ 3D Technology | ✓ |
| Number of processors installed | 1 | Intel Clear Video HD Technology | ✓ |
| Stepping | B0 | Intel Clear Video Technology | ✓ |
| Maximum internal memory supported by processor | 64 GB | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Memory types supported by processor | DDR3L-SDRAM, DDR4-SDRAM | Intel TSX-NI | ✓ |

| Processor | | Processor special features | |
|---|-------------------------|---|-------------------------|
| Memory clock speeds supported by processor | 1333,1600,2133,2400 MHz | Idle States | ✓ |
| ECC supported by processor | ✗ | Thermal Monitoring Technologies | ✓ |
| Memory voltage supported by processor | 1.35 V | Intel Stable Image Platform Program (SIPP) | ✓ |
| Memory | | Intel AES New Instructions | ✓ |
| Internal memory * | 8 GB | Intel® Secure Key | ✓ |
| Maximum internal memory * | 64 GB | Intel® OS Guard | ✓ |
| Internal memory type | DDR4-SDRAM | Intel Trusted Execution Technology | ✓ |
| Memory layout (slots x size) | 2 x 4 GB | Execute Disable Bit | ✓ |
| Memory slots | 4x DIMM | Intel Enhanced Halt State | ✓ |
| Memory clock speed | 2400 MHz | Intel Software Guard Extensions (Intel SGX) | ✓ |
| Non-ECC | ✓ | Intel Clear Video Technology for MID | ✓ |
| Memory channels | Dual-channel | Processor package size | 37.5 x 37.5 mm |
| Storage | | Supported instruction sets | AVX 2.0, SSE4.1, SSE4.2 |
| Card reader integrated | ✓ | Processor code | SR335 |
| Total storage capacity * | 1000 GB | Scalability | 15 |
| Storage media * | HDD | CPU configuration (max) | 1 |
| 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 hard drives installed | 1 | Intel Identity Protection Technology version | 1.00 |
| Hard drive capacity | 1000 GB | Intel Stable Image Platform Program (SIPP) version | 1.00 |
| Hard drive interface | SATA III | Intel Secure Key Technology version | 1.00 |
| Hard drive rotational speed | 7200 RPM | Intel Virtualization Technology (VT-x) | ✓ |
| Hard drive size | 3.5" | Intel TSX-NI version | 1.00 |
| Compatible memory cards | SD | Processor ARK ID | 97123 |
| Graphics | | Intel Turbo Boost Technology | 2.0 |
| Discrete graphics card * | ✗ | Intel Hyper-Threading Technology | ✗ |
| Discrete graphics card model * | Not available | Intel® Quick Sync Video Technology | ✓ |
| On-board graphics card * | ✓ | Intel Identity Protection Technology | ✓ |
| On-board graphics card family | Intel® HD Graphics | Conflict-Free processor | ✓ |
| On-board graphics card model * | Intel® HD Graphics 630 | Energy Management | |
| On-board graphics card base frequency | 350 MHz | Power supply * | 240 W |
| On-board graphics card dynamic frequency (max) | 1100 MHz | Power supply input voltage | 90 - 264 V |
| Maximum on-board graphics card memory | 64 GB | Power supply input frequency | 47/63 Hz |
| Number of displays supported (on-board graphics) | 3 | Operational Conditions | |
| On-board graphics card DirectX version | 12.0 | Operating temperature range (T-T) | 0 - 35 °C |
| On-board graphics card OpenGL version | 4.4 | Storage temperature range (T-T) | -40 - 65 °C |
| On-board graphics card ID | 5912 | Operating relative humidity range | 10 - 90% |
| Network | | Storage relative humidity range | 0 - 95% |
| Ethernet LAN connection * | ✓ | Operating altitude | -15.2 - 3048 m |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | Non-operating altitude | -15.2 - 10668 m |
| Cabling technology | 10/100/1000Base-T(X) | Operating vibration | 0.66 G |
| Wi-Fi * | ✗ | Non-operating vibration | 1.3 G |
| Ports & interfaces | | Operating shock | 110 G |
| USB 2.0 ports quantity * | 4 | Non-operating shock | 160 G |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 6 | Weight & Dimensions | |
| PowerShare | ✓ | Width * | 154 mm |
| Number of USB ports with PowerShare support | 1 | Depth * | 274.3 mm |
| DVI port | ✗ | Height * | 350.5 mm |
| HDMI ports quantity * | 1 | Weight * | 7.93 kg |
| DisplayPorts quantity | 2 | Packaging Content | |
| PS/2 ports quantity | 2 | Display included * | ✗ |
| | | Mouse included on selected markets only | ✓ |
| | | Keyboard included on selected markets only | ✓ |

| Ports & interfaces | | Packaging Content | |
|-------------------------------------|------------|-------------------------|--------------------|
| Ethernet LAN (RJ-45) ports quantity | 1 | Cables included | AC |
| Microphone in | ✗ | Manual | ✓ |
| Headphone outputs | 1 | Power cord included | ✓ |
| Line-out | ✓ | Other features | |
| Combo headphone/mic port | ✓ | Optical drives quantity | 1 |
| Serial ports quantity | 1 | Dell E-Value Code | N03605050MTBTP_CSG |
| Expansion Slots | | | |
| PCI Express x1 slots | 1 | | |
| PCI Express x16 slots | 2 | | |
| PCI slots | 1 | | |
| Design | | | |
| Chassis type * | Mini Tower | | |



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