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

Processor manufacturer *	Intel
Processor generation	7th gen Intel® Core™ i5
Processor *	i5-7500
Processor family *	Intel® Core™ i5
Processor number of cores	4
Processor frequency *	3.4 GHz
Processor boost frequency	3.8 GHz
Processor socket	LGA 1151 (Socket H4)
Processor cache	6 MB
Processor cache type	Smart Cache
Processor threads	4
System bus data transfer rate	8 GT/s
Bus type	DMI3
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-7500 Desktop Series
Processor codename	Kaby Lake
Thermal Design Power (TDP)	65 W
Tjunction	100 °C
PCI Express slots version	3.0
Maximum number of PCI Express lanes	16
PCI Express configurations	1x16, 1x8+2x4, 2x8
Number of processors installed	1
Stepping	B0
Maximum internal memory supported by processor	64 GB
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM

Design

Placement supported	Vertical
Number of 3.5" bays	1
Number of 2.5" bays	1
Product colour *	Black

Performance

Market positioning	Business
Motherboard chipset	Intel® Q270
Audio chip	Realtek ALC3234
Audio system	High Definition Audio
Password protection	✓
Password protection type	BIOS, User
Product type *	PC

Software

Operating system installed *	Windows 10 Pro
Operating system architecture	64-bit
Operating system language	German
Trial software	Microsoft Office, McAfee

Processor special features

Intel 64	✓
Enhanced Intel SpeedStep Technology	✓
Embedded options available	✓
Intel® InTru™ 3D Technology	✓
Intel Clear Video HD Technology	✓
Intel Clear Video Technology	✓
Intel VT-x with Extended Page Tables (EPT)	✓
Intel TSX-NI	✓

Processor

Memory clock speeds supported by processor	1333,1600,2133,2400 MHz
ECC supported by processor	✘
Memory voltage supported by processor	1.35 V

Memory

Internal memory *	8 GB
Maximum internal memory *	64 GB
Internal memory type	DDR4-SDRAM
Memory layout (slots x size)	2 x 4 GB
Memory slots	4x DIMM
Memory clock speed	2400 MHz
Non-ECC	✔
Memory channels	Dual-channel

Storage

Card reader integrated	✔
Total storage capacity *	1000 GB
Storage media *	HDD
Optical drive type *	DVD±RW
Number of storage drives installed	1
Number of hard drives installed	1
Hard drive capacity	1000 GB
Hard drive interface	SATA III
Hard drive rotational speed	7200 RPM
Hard drive size	3.5"
Compatible memory cards	SD

Graphics

Discrete graphics card *	✘
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 630
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1100 MHz
Maximum on-board graphics card memory	64 GB
Number of displays supported (on-board graphics)	3
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	5912

Network

Ethernet LAN connection *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✘

Ports & interfaces

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
PowerShare	✔
Number of USB ports with PowerShare support	1
DVI port	✘
HDMI ports quantity *	1
DisplayPorts quantity	2
PS/2 ports quantity	2

Processor special features

Idle States	✔
Thermal Monitoring Technologies	✔
Intel Stable Image Platform Program (SIPP)	✔
Intel AES New Instructions	✔
Intel® Secure Key	✔
Intel® OS Guard	✔
Intel Trusted Execution Technology	✔
Execute Disable Bit	✔
Intel Enhanced Halt State	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel Clear Video Technology for MID	✔
Processor package size	37.5 x 37.5 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor code	SR335
Scalability	1S
CPU configuration (max)	1
Thermal solution specification	PCG 2015C
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	1.00
Intel Secure Key Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel TSX-NI version	1.00
Processor ARK ID	97123
Intel Turbo Boost Technology	2.0
Intel Hyper-Threading Technology	✘
Intel® Quick Sync Video Technology	✔
Intel Identity Protection Technology	✔
Conflict-Free processor	✔

Energy Management

Power supply *	240 W
Power supply input voltage	90 - 264 V
Power supply input frequency	47/63 Hz

Operational Conditions

Operating temperature range (T-T)	0 - 35 °C
Storage temperature range (T-T)	-40 - 65 °C
Operating relative humidity range	10 - 90%
Storage relative humidity range	0 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating vibration	0.66 G
Non-operating vibration	1.3 G
Operating shock	110 G
Non-operating shock	160 G

Weight & Dimensions

Width *	154 mm
Depth *	274.3 mm
Height *	350.5 mm
Weight *	7.93 kg

Packaging Content

Display included *	✘
Mouse included on selected markets only	✔
Keyboard included on selected markets only	✔

Ports & interfaces

Ethernet LAN (RJ-45) ports quantity	1
Microphone in	✘
Headphone outputs	1
Line-out	✔
Combo headphone/mic port	✔
Serial ports quantity	1

Expansion Slots

PCI Express x1 slots	1
PCI Express x16 slots	2
PCI slots	1

Design

Chassis type *	Mini Tower

Packaging Content

Cables included	AC
Manual	✔
Power cord included	✔

Other features

Optical drives quantity	1
Dell E-Value Code	N036O5050MTBTP_CSG

Ports & interfaces

Ethernet LAN (RJ-45) ports quantity	1
Microphone in	✘
Headphone outputs	1
Line-out	✔
Combo headphone/mic port	✔
Serial ports quantity	1

Packaging Content

Cables included	AC
Manual	✔
Power cord included	✔

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