



DELL OptiPlex 5050 Intel® Core™ i5 i5-7500 8 GB DDR4-SDRAM 500 GB HDD Windows 10 Pro SFF PC Black

Brand : DELL

Product family: OptiPlex

Product code: 5050-9549

Product name : 5050

Intel Core i5-7500 (6M Cache, 3.4GHz), 8GB DDR4 2400MHz, 500GB HDD, Intel HD Graphics 630, DVD±RW, Gigabit Ethernet, Windows 10 Pro 64-bit
DELL OptiPlex 5050. Processor frequency: 3.4 GHz, Processor family: Intel® Core™ i5, Processor model: i5-7500. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2400 MHz. Total storage capacity: 500 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: 180 W. Chassis type: SFF. Product type: PC



Processor		Design	
Processor manufacturer *	Intel	Placement supported	Horizontal/Vertical
Processor family *	Intel® Core™ i5	Product color *	Black
Processor generation	7th gen Intel® Core™ i5	Performance	
Processor model *	i5-7500	Motherboard chipset	Intel® Q270
Processor cores	4	Audio chip	Realtek ALC3234
Processor threads	4	Audio system	High Definition Audio
Processor boost frequency	3.8 GHz	Password protection	✓
Processor frequency *	3.4 GHz	Password protection type	BIOS, User
Processor socket	LGA 1151 (Socket H4)	Product type *	PC
Processor cache	6 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
System bus rate	8 GT/s	Operating system language	Multilingual
Bus type	DMI3	Operating system installed *	Windows 10 Pro
Processor lithography	14 nm	Processor special features	
Processor operating modes	64-bit	Intel 64	✓
Processor series	Intel Core i5-7500 Desktop Series	Enhanced Intel SpeedStep Technology	✓
Processor codename	Kaby Lake	Embedded options available	✓
Thermal Design Power (TDP)	65 W	Intel® InTru™ 3D Technology	✓
Tjunction	100 °C	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
PCI Express slots version	3.0	Intel Clear Video Technology	✓
Maximum number of PCI Express lanes	16		
PCI Express configurations	1x16, 1x8+2x4, 2x8		
Number of processors installed	1		

Processor		Processor special features	
Stepping	B0	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum internal memory supported by processor	64 GB	Intel TSX-NI	✓
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM	Idle States	✓
Memory clock speeds supported by processor	1333,1600,2133,2400 MHz	Thermal Monitoring Technologies	✓
ECC supported by processor	✗	Intel Stable Image Platform Program (SIPP)	✓
Memory voltage supported by processor	1.35 V	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory		Intel® Secure Key	✓
Internal memory *	8 GB	Intel® OS Guard	✓
Maximum internal memory *	64 GB	Intel Trusted Execution Technology	✓
Internal memory type	DDR4-SDRAM	Execute Disable Bit	✓
Memory slots	4x DIMM	Intel Enhanced Halt State	✓
Memory clock speed	2400 MHz	Intel Software Guard Extensions (Intel SGX)	✓
Memory channels	Dual-channel	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Storage		Processor package size	37.5 x 37.5 mm
Total storage capacity *	500 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage media *	HDD	Processor code	SR335
Optical drive type *	DVD±RW	Scalability	1S
Number of storage drives installed	1	CPU configuration (max)	1
Number of HDDs installed	1	Thermal solution specification	PCG 2015C
HDD capacity	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Identity Protection Technology version	1.00
Compatible memory cards	SD	Intel Stable Image Platform Program (SIPP) version	1.00
Graphics		Intel Secure Key Technology version	1.00
Discrete graphics card *	✗	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel TSX-NI version	1.00
Discrete graphics card model *	Not available	Processor ARK ID	97123
On-board graphics card family	Intel® HD Graphics	Intel® Turbo Boost Technology	2.0
On-board graphics card model *	Intel® HD Graphics 630	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
On-board graphics card base frequency	350 MHz	Intel® Quick Sync Video Technology	✓
On-board graphics card dynamic frequency (max)	1100 MHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Maximum on-board graphics card memory	64 GB	Conflict-Free processor	✓
Number of displays supported (on-board graphics)	3	Power	
On-board graphics card DirectX version	12.0	Power supply *	180 W
On-board graphics card OpenGL version	4.4	Power supply input voltage	90 - 264 V
On-board graphics card ID	5912	Power supply input frequency	47/63 Hz
Network		Operational conditions	
Ethernet LAN *	✓	Operating temperature (T-T)	0 - 35 °C
Ethernet LAN data rates	10,100,1000 Mbit/s	Storage temperature (T-T)	-40 - 65 °C
Cabling technology	10/100/1000Base-T(X)	Operating relative humidity (H-H)	10 - 90%
Wi-Fi *	✗	Storage relative humidity (H-H)	5 - 95%
Ports & interfaces		Operating altitude	-15.2 - 3048 m
USB 2.0 ports quantity *	4	Non-operating altitude	-15.2 - 10668 m
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Weight & dimensions	
PowerShare	✓	Width *	92.6 mm
Number of USB ports with PowerShare support	1	Depth *	290 mm
DVI port	✗	Height *	292 mm
HDMI ports quantity *	1	Weight *	5.26 kg
HDMI version	1.4		

Ports & interfaces		Packaging content	
DisplayPorts quantity	2	Mouse included on selected markets only	✓
PS/2 ports quantity	2	Keyboard included on selected markets only	✓
Ethernet LAN (RJ-45) ports	1	Cables included	AC
Microphone in	✗	Manual	✓
Headphone outputs	1	Power cord included	✓
Line-out	✓	Display	
Combo headphone/mic port	✓	Display included *	✗
Serial ports quantity	1	Other features	
Expansion slots		Optical drives quantity	1
PCI Express x4 slots	1	Design	
PCI Express x16 slots	1	Chassis type *	SFF

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.