



## DELL OptiPlex 5050 Intel® Core™ i3 i3-7100 4 GB DDR4-SDRAM 500 GB HDD Windows 10 Pro Mini Tower PC Black

**Brand :** DELL

**Product family:** OptiPlex

**Product code:** XCH10

**Product name :** 5050

Intel Core i3-7100 (3M Cache, 3.90 GHz), 4GB DDR4, 500GB HDD, Intel HD Graphics 630, DVD+/-RW, Gigabit LAN, Windows 10 Pro 64-bit  
DELL OptiPlex 5050. Processor frequency: 3,9 GHz, Processor type: Intel® Core™ i3, Processor: i3-7100. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drives: DVD±RW. On-board graphics card model: Intel® HD Graphics 630. Operating system software: Windows 10 Pro, Operating system architecture: 64-bit. Power supply: 240 W. Form factor: Mini Tower. Product type: PC. Product colour: Black



Processor		Design	
Processor manufacturer *	Intel	Number of 3.5" bays	1
Processor type *	Intel® Core™ i3	Number of 2.5" bays	1
Processor generation	7th gen Intel® Core™ i3	Product colour *	Black
Processor *	i3-7100	<b>Performance</b>	
Processor number of cores	2	Audio chip	Realtek ALC3234
Processor threads	4	Product type *	PC
Processor frequency *	3,9 GHz	<b>Software</b>	
Processor socket	LGA 1151 (Socket H4)	Operating system architecture	64-bit
Processor cache	3 MB	Operating system software *	Windows 10 Pro
Processor cache type	Smart Cache	Drivers included	✓
System bus data transfer rate	8 GT/s	<b>Processor special features</b>	
Bus type	DMI3	Intel 64	✓
Processor lithography	14 nm	Enhanced Intel SpeedStep Technology	✓
Processor operating modes	64-bit	Embedded options available	✗
Processor codename	Kaby Lake	Intel® InTru™ 3D Technology	✓
Thermal Design Power (TDP)	51 W	Intel Clear Video HD Technology	✓
Tjunction	100 °C	Intel Clear Video Technology	✓
PCI Express slots version	3.0	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	16	Intel TSX-NI	✗
PCI Express configurations	1x16, 1x8+2x4, 2x8	Idle States	✓
Number of processors	1	Thermal Monitoring Technologies	✓
Stepping	S0	Intel Stable Image Platform Program (SIPP)	✗
Maximum internal memory supported by processor	64 GB	Intel AES New Instructions	✓
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM	Intel® Secure Key	✓
Memory clock speeds supported by processor	1333,1600,2133,2400 MHz		
ECC supported by processor	✗		

Memory		Processor special features	
Internal memory *	4 GB	Intel® OS Guard	✓
Maximum memory *	64 GB	Intel Trusted Execution Technology	✗
Internal memory type	DDR4-SDRAM	Execute Disable Bit	✓
Memory slots	4x DIMM	Intel Enhanced Halt State	✓
Memory channels	Dual-channel	Intel Software Guard Extensions (Intel SGX)	✓
Storage		Intel Clear Video Technology for MID	✓
Total storage capacity *	500 GB	Processor package size	37.5 x 37.5 mm
Storage media *	HDD	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Optical drives *	DVD±RW	Processor code	SR35C
Number of storage drives installed	1	Scalability	15
Number of HDDs installed	1	CPU configuration (max)	1
Hard drive capacity	500 GB	Thermal solution specification	PCG 2015C
Hard drive rotational speed	7200 RPM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Hard drive size	3.5"	Intel Identity Protection Technology version	1,00
Card reader integrated	✓	Intel Stable Image Platform Program (SIPP) version	0,00
Compatible memory cards	SD	Intel Secure Key Technology version	1,00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✗	Intel TSX-NI version	0,00
On-board graphics card *	✓	Processor ARK ID	97455
Discrete graphics card model *	Not available	Intel Turbo Boost Technology	✗
On-board graphics card model *	Intel® HD Graphics 630	Intel Hyper-Threading 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	✓
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 *	240 W
On-board graphics card OpenGL version	4.4	Power supply input voltage	90 - 264 V
On-board graphics card ID	0x5912	Power supply input frequency	47/63 Hz
Network		Operational conditions	
Ethernet LAN connection *	✓	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 humidity	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	
DVI port	✗	Width *	154 mm
HDMI ports quantity *	1	Depth *	274,3 mm
HDMI version	1.4	Height *	350,5 mm
DisplayPorts quantity	2	Weight *	7,93 kg
PS/2 ports quantity	2	Packaging content	
Ethernet LAN (RJ-45) ports	1	Mouse included on selected markets only	✓
Microphone in	✗	Keyboard included on selected markets only	✓
Line-out	✓	Cables included	AC
Combo headphone/mic port	✓	Manual	✓
Serial ports quantity	1	Display	
Expansion slots		Display included *	✗
PCI Express x1 slots	1	Other features	
PCI Express x16 slots	2	Optical drives quantity	1
PCI slots	1		

**Design**

Form factor *	Mini Tower
Placement supported	Horizontal/Vertical



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### Catalog Object Cloud



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