



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

Article code: XCH10

Product name : 5050

DELL OptiPlex 5050. Processor frequency: 3,9 GHz, Processor family: Intel® Core™ i3, Processor model: i3-7100. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. 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: 240 W. Chassis type: Mini Tower. Product type: PC. Product color: Black



Processor		Design	
Processor manufacturer *	Intel	Product color *	Black
Processor family *	Intel® Core™ i3	Performance	
Processor generation	7th gen Intel® Core™ i3	Audio chip	Realtek ALC3234
Processor model *	i3-7100	Product type *	PC
Processor cores	2	Software	
Processor threads	4	Operating system architecture	64-bit
Processor frequency *	3,9 GHz	Operating system installed *	Windows 10 Pro
Processor socket	LGA 1151 (Socket H4)	Drivers included	✓
Processor cache	3 MB	Processor special features	
Processor cache type	Smart Cache	Intel 64	✓
System bus rate	8 GT/s	Enhanced Intel SpeedStep Technology	✓
Bus type	DMI3	Embedded options available	✗
Processor lithography	14 nm	Intel® InTru™ 3D Technology	✓
Processor operating modes	64-bit	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor codename	Kaby Lake	Intel Clear Video Technology	✓
Thermal Design Power (TDP)	51 W	Intel VT-x with Extended Page Tables (EPT)	✓
Tjunction	100 °C	Intel TSX-NI	✗
PCI Express slots version	3.0	Idle States	✓
Maximum number of PCI Express lanes	16	Thermal Monitoring Technologies	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel Stable Image Platform Program (SIPP)	✗
Number of processors installed	1	Intel® AES New Instructions (Intel® AES-NI)	✓
Stepping	S0	Intel® Secure Key	✓
Maximum internal memory supported by processor	64 GB		
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM		
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 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 channels	Dual-channel	Intel Software Guard Extensions (Intel SGX)	✓
Storage		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT 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 drive type *	DVD±RW	Processor code	SR35C
Number of storage drives installed	1	Scalability	1S
Number of HDDs installed	1	CPU configuration (max)	1
HDD capacity	500 GB	Thermal solution specification	PCG 2015C
HDD speed	7200 RPM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD 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 (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 *	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 *	✓	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%
		Operating altitude	-15,2 - 3048 m
		Non-operating altitude	-15,2 - 10668 m
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	4	Width *	154 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Depth *	274,3 mm
DVI port	✗	Height *	350,5 mm
HDMI ports quantity *	1	Weight *	7,93 kg
HDMI version	1.4	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	✓
Line-out	✓	Display	
Combo headphone/mic port	✓	Display included *	✗
Serial ports quantity	1		
Expansion slots			
PCI Express x1 slots	1		
PCI Express x16 slots	2		
PCI slots	1		

Design		Other features	
Chassis type *	Mini Tower	Optical drives quantity	1
Placement supported	Horizontal/Vertical		
Number of 3.5" bays	1		
Number of 2.5" bays	1		



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