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

Processor manufacturer *	Intel
Processor type *	Intel® Core™ i3
Processor generation	7th gen Intel® Core™ i3
Processor *	i3-7100
Processor number of cores	2
Processor threads	4
Processor frequency *	3,9 GHz
Processor socket	LGA 1151 (Socket H4)
Processor cache	3 MB
Processor cache type	Smart Cache
System bus data transfer rate	8 GT/s
Bus type	DMI3
Processor lithography	14 nm
Processor operating modes	64-bit
Processor codename	Kaby Lake
Thermal Design Power (TDP)	51 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	1
Stepping	S0
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	✘

Design

Number of 3.5" bays	1
Number of 2.5" bays	1
Product colour *	Black

Performance

Audio chip	Realtek ALC3234
Product type *	PC

Software

Operating system architecture	64-bit
Operating system software *	Windows 10 Pro
Drivers included	✔

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	✘
Idle States	✔
Thermal Monitoring Technologies	✔
Intel Stable Image Platform Program (SIPP)	✘
Intel AES New Instructions	✔
Intel® Secure Key	✔

Memory

Internal memory *	4 GB
Maximum memory *	64 GB
Internal memory type	DDR4-SDRAM
Memory slots	4x DIMM
Memory channels	Dual-channel

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Optical drives *	DVD±RW
Number of storage drives installed	1
Number of HDDs installed	1
Hard drive capacity	500 GB
Hard drive rotational speed	7200 RPM
Hard drive size	3.5"
Card reader integrated	✔
Compatible memory cards	SD

Graphics

Discrete graphics card *	✘
On-board graphics card *	✔
Discrete graphics card model *	Not available
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	0x5912

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
DVI port	✘
HDMI ports quantity *	1
HDMI version	1.4
DisplayPorts quantity	2
PS/2 ports quantity	2
Ethernet LAN (RJ-45) ports	1
Microphone in	✘
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

Processor special features

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	SR35C
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	0,00
Intel Secure Key Technology version	1,00
Intel Virtualization Technology (VT-x)	✔
Intel TSX-NI version	0,00
Processor ARK ID	97455
Intel Turbo Boost Technology	✘
Intel Hyper-Threading Technology	✔
Intel® Quick Sync Video Technology	✔
Intel Identity Protection Technology	✔
Conflict-Free processor	✔

Power

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

Operational conditions

Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	10 - 90%
Storage humidity	5 - 95%
Operating altitude	-15,2 - 3048 m
Non-operating altitude	-15,2 - 10668 m

Weight & dimensions

Width *	154 mm
Depth *	274,3 mm
Height *	350,5 mm
Weight *	7,93 kg

Packaging content

Mouse included on selected markets only	✔
Keyboard included on selected markets only	✔
Cables included	AC
Manual	✔

Display

Display included *	✘

Other features

Optical drives quantity	1

Design

Form factor *	Mini Tower
Placement supported	Horizontal/Vertical

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