DELL

DELL OptiPlex 5040 i3-6100 SFF Intel® Core™ i3 4 GB DDR3L-SDRAM 500 GB HDD Windows 7 Professional PC Black
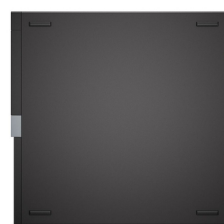
Brand : DELL **Product family:** OptiPlex **Product code:** 5040-3120

Product name : 5040

Intel Core i3-6100 (3M Cache, 3.70 GHz), 4GB DDR3L 1600MHz, 500GB SATA HDD, DVD+/-RW, Gigabit LAN, Windows 7 Professional 64-bit / Windows 10 Pro
DELL OptiPlex 5040. Processor frequency: 3.7 GHz, Processor family: Intel® Core™ i3, Processor model: i3-6100. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM, Memory clock speed: 1600 MHz. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD±RW. On-board graphics card model: Intel® HD Graphics 530. Operating system installed: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: SFF. Product type: PC

Processor

Processor manufacturer *	Intel
Processor generation	6th gen Intel® Core™ i3
Processor model *	i3-6100
Processor family *	Intel® Core™ i3
Processor cores	2
Processor frequency *	3.7 GHz
Processor socket	LGA 1151 (Socket H4)
Processor cache	3 MB
Processor cache type	L3
Processor threads	4
System bus rate	8 GT/s
Bus type	DMI3
FSB Parity	✖
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Core i3-6100 series
Processor codename	Skylake
Thermal Design Power (TDP)	51 W
Tcase	65 °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	S0
Maximum internal memory supported by processor	64 GB
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM

Software

Operating system architecture	64-bit
Recovery operating system	Windows 10 Pro
Trial software	Microsoft Office

Processor special features

Intel® Small Business Advantage (Intel® SBA)	✔
Intel® Wireless Display (Intel® WiDi)	✔
Intel® Matrix Storage Technology (Intel® MST)	✖
Intel® High Definition Audio (Intel® HD Audio)	✖
Intel® Active Management Technology (Intel® AMT)	✖
Intel 64	✔
Enhanced Intel SpeedStep Technology	✔
Embedded options available	✔
Intel® Built-in Visuals Technology	✔
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel TSX-NI	✖
Idle States	✔
Thermal Monitoring Technologies	✔

Processor

Memory clock speeds supported by processor	1333,1600,1866,2133 MHz
Memory bandwidth supported by processor (max)	34.1 GB/s
ECC supported by processor	✔
Memory voltage supported by processor	1.35 V

Memory

Internal memory *	4 GB
Maximum internal memory *	16 GB
Internal memory type	DDR3L-SDRAM
Memory layout (slots x size)	1 x 4 GB
Memory slots	4x DIMM
Memory clock speed	1600 MHz
Non-ECC	✔
Memory channels	Dual-channel

Storage

Card reader integrated	✘
Total storage capacity *	500 GB
Storage media *	HDD
Optical drive type *	DVD±RW
Number of storage drives installed	1
Number of HDDs installed	1
HDD capacity	500 GB
HDD interface	SATA
HDD speed	7200 RPM
HDD size	3.5"

Graphics

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 530
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1050 MHz
Maximum on-board graphics card memory	1.7 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	0x1912
Graphics card Open GL support	✔

Network

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

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
DisplayPorts quantity	2
PS/2 ports quantity	2
Ethernet LAN (RJ-45) ports	1

Processor special features

Intel Stable Image Platform Program (SIPP)	✘
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel® Secure Key	✔
Intel® OS Guard	✔
Intel Trusted Execution Technology	✘
Execute Disable Bit	✔
Intel HD Graphics	✔
Intel FDI Technology	✘
Intel Flex Memory Access	✘
Intel Fast Memory Access	✘
Intel® Smart Cache	✔
Intel Enhanced Halt State	✔
Intel Demand Based Switching	✘
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Processor package size	37.5 x 37.5 mm
Supported instruction sets	SSE4.1, SSE4.2
Processor code	SR2HG
Scalability	1S
CPU configuration (max)	1
Graphics & IMC lithography	14 nm
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 Small Business Advantage (SBA) version	1.00
Intel TSX-NI version	0.00
Intel Dual Display Capable Technology	✘
Intel Rapid Storage Technology	✘
Processor ARK ID	90729
Intel® Smart Response Technology	✘
Intel® Rapid Start Technology	✘
Intel® Turbo Boost Technology	✘
Intel Smart Connect Technology	✘
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Quick Sync Video Technology	✔
Intel® My WiFi Technology (Intel® MWT)	✘
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Anti-Theft Technology (Intel® AT)	✘
Conflict-Free processor	✔

Power

Power supply *	180 W
Power supply input voltage	100 - 240 V
Power supply input frequency	50 - 60 Hz

Weight & dimensions

Width *	292 mm

Ports & interfaces

Microphone in	✖
Line-out	✔
Combo headphone/mic port	✔
Serial ports quantity	1

Expansion slots

PCI Express x4 slots	1
PCI Express x16 slots	1

Design

Chassis type *	SFF
Placement supported	Horizontal/Vertical
Water cooling system	✖
Number of 3.5" bays	1
Cable lock slot	✔
Product colour *	Black

Performance

Audio system	HD
Password protection	✔
Password protection type	BIOS
Product type *	PC

Software

Operating system installed *	Windows 7 Professional

Weight & dimensions

Depth *	92.6 mm
Height *	290 mm
Weight *	4.48 kg

Packaging content

Display included *	✖
Cables included	AC
Manual	✔

Other features

Optical drives quantity	1
Intel® Virtualization Technology (Intel® VT)	VT-x, VT-d
Intel segment tagging	Enterprise, Small Business

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