



DELL OptiPlex 5040 i3-6100 SFF Intel® Core™ i3 4 GB DDR3L-SDRAM 500 GB HDD Windows 7 Professional PC Black

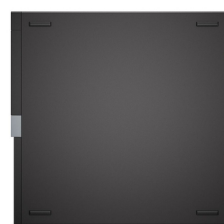
Brand : DELL

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		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor generation	6th gen Intel® Core™ i3	Recovery operating system	Windows 10 Pro
Processor model *	i3-6100	Trial software	Microsoft Office
Processor family *	Intel® Core™ i3	Processor special features	
Processor cores	2	Intel® Small Business Advantage (Intel® SBA)	✓
Processor frequency *	3.7 GHz	Intel® Wireless Display (Intel® WiDi)	✓
Processor socket	LGA 1151 (Socket H4)	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor cache	3 MB	Intel® High Definition Audio (Intel® HD Audio)	✗
Processor cache type	L3	Intel® Active Management Technology (Intel® AMT)	✗
Processor threads	4	Intel 64	✓
System bus rate	8 GT/s	Enhanced Intel SpeedStep Technology	✓
Bus type	DMI3	Embedded options available	✓
FSB Parity	✗	Intel® Built-in Visuals Technology	✓
Processor lithography	14 nm	Intel® InTru™ 3D Technology	✓
Processor operating modes	64-bit	Intel® Insider™	✓
Processor series	Intel Core i3-6100 series	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor codename	Skylake	Intel Clear Video Technology	✓
Thermal Design Power (TDP)	51 W	Intel VT-x with Extended Page Tables (EPT)	✓
Tcase	65 °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		
Number of processors installed	1		
Stepping	S0		
Maximum internal memory supported by processor	64 GB		
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM		

Processor		Processor special features	
Memory clock speeds supported by processor	1333,1600,1866,2133 MHz	Intel Stable Image Platform Program (SIPP)	✗
Memory bandwidth supported by processor (max)	34.1 GB/s	Intel® AES New Instructions (Intel® AES-NI)	✓
ECC supported by processor	✓	Intel® Secure Key	✓
Memory voltage supported by processor	1.35 V	Intel® OS Guard	✓
Memory		Intel Trusted Execution Technology	✗
		Execute Disable Bit	✓
Internal memory *	4 GB	Intel HD Graphics	✓
Maximum internal memory *	16 GB	Intel FDI Technology	✗
Internal memory type	DDR3L-SDRAM	Intel Flex Memory Access	✗
Memory layout (slots x size)	1 x 4 GB	Intel Fast Memory Access	✗
Memory slots	4x DIMM	Intel® Smart Cache	✓
Memory clock speed	1600 MHz	Intel Enhanced Halt State	✓
Non-ECC	✓	Intel Demand Based Switching	✗
Memory channels	Dual-channel	Intel Software Guard Extensions (Intel SGX)	✓
Storage		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
		Processor package size	37.5 x 37.5 mm
Card reader integrated	✗	Supported instruction sets	SSE4.1, SSE4.2
Total storage capacity *	500 GB	Processor code	SR2HG
Storage media *	HDD	Scalability	1S
Optical drive type *	DVD±RW	CPU configuration (max)	1
Number of storage drives installed	1	Graphics & IMC lithography	14 nm
Number of HDDs installed	1	Thermal solution specification	PCG 2015C
HDD capacity	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD interface	SATA	Intel Identity Protection Technology version	1.00
HDD speed	7200 RPM	Intel Stable Image Platform Program (SIPP) version	0.00
HDD size	3.5"	Intel Secure Key Technology version	1.00
Graphics		Intel Virtualization Technology (VT-x)	✓
		Intel Small Business Advantage (SBA) version	1.00
Discrete graphics card model *	Not available	Intel TSX-NI version	0.00
On-board graphics card *	✓	Intel Dual Display Capable Technology	✗
On-board graphics card family	Intel® HD Graphics	Intel Rapid Storage Technology	✗
On-board graphics card model *	Intel® HD Graphics 530	Processor ARK ID	90729
On-board graphics card base frequency	350 MHz	Intel® Smart Response Technology	✗
On-board graphics card dynamic frequency (max)	1050 MHz	Intel® Rapid Start Technology	✗
Maximum on-board graphics card memory	1.7 GB	Intel® Turbo Boost Technology	✗
Number of displays supported (on-board graphics)	3	Intel Smart Connect Technology	✗
On-board graphics card DirectX version	12.0	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
On-board graphics card OpenGL version	4.4	Intel® Quick Sync Video Technology	✓
On-board graphics card ID	0x1912	Intel® My WiFi Technology (Intel® MWT)	✗
Graphics card Open GL support	✓	Intel® Identity Protection Technology (Intel® IPT)	✓
Network		Intel® Anti-Theft Technology (Intel® AT)	✗
		Conflict-Free processor	✓
Ports & interfaces		Power	
		Power supply *	180 W
USB 2.0 ports quantity *	4	Power supply input voltage	100 - 240 V
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Power supply input frequency	50 - 60 Hz
DVI port	✗	Weight & dimensions	
HDMI ports quantity *	1	Width *	292 mm
DisplayPorts quantity	2		
PS/2 ports quantity	2		
Ethernet LAN (RJ-45) ports	1		

Ports & interfaces		Weight & dimensions	
Microphone in	✗	Depth *	92.6 mm
Line-out	✓	Height *	290 mm
Combo headphone/mic port	✓	Weight *	4.48 kg
Serial ports quantity	1	Packaging content	
Expansion slots		Display included *	✗
PCI Express x4 slots	1	Cables included	AC
PCI Express x16 slots	1	Manual	✓
Design		Other features	
Chassis type *	SFF	Optical drives quantity	1
Placement supported	Horizontal/Vertical	Intel® Virtualization Technology (Intel® VT)	VT-x, VT-d
Water cooling system	✗	Intel segment tagging	Enterprise, Small Business
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		



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