



## DELL OptiPlex 7010 SFF Intel® Core™ i7 i7-3770 6 GB DDR3-SDRAM 500 GB HDD Windows 7 Professional PC Black, Silver

**Brand :** DELL

**Product family:** OptiPlex

**Product code:** 7010SFF\_CFG  
30

**Product name :** 7010 SFF

Intel Core i7-3770 (3.4 GHz), 6GB DDR3 1600MHz, 500GB SATA II HDD, DVD±RW, Intel HD Graphics 4000, Gigabit Ethernet, SFF, 240W, Windows 7 Professional 64-bit  
DELL OptiPlex 7010 SFF. Processor frequency: 3,4 GHz, Processor family: Intel® Core™ i7, Processor model: i7-3770. Internal memory: 6 GB, Internal memory type: DDR3-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 4000. Operating system installed: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 240 W. Chassis type: SFF. Product type: PC



Processor		Performance	
Processor manufacturer *	Intel	Password protection type	BIOS
Processor family *	Intel® Core™ i7	Product type *	PC
Processor generation	3rd gen Intel® Core™ i7	Software	
Processor model *	i7-3770	Operating system architecture	64-bit
Processor cores	4	Operating system installed *	Windows 7 Professional
Processor threads	8	Processor special features	
Processor boost frequency	3,9 GHz	Intel® Wireless Display (Intel® WiDi)	✓
Processor frequency *	3,4 GHz	Intel 64	✓
Processor socket	LGA 1155 (Socket H2)	Enhanced Intel SpeedStep Technology	✓
Processor cache	8 MB	Embedded options available	✓
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
System bus rate	5 GT/s	Intel® Insider™	✓
Bus type	DMI	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
FSB Parity	✗	Intel Clear Video Technology	✗
Processor lithography	22 nm	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes	64-bit	Intel TSX-NI	✗
Processor series	Intel Core i7-3700 Desktop series	Idle States	✓
Processor codename	Ivy Bridge	Thermal Monitoring Technologies	✓
Thermal Design Power (TDP)	77 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Tcase	67,4 °C	Intel® Secure Key	✓
Tjunction	105 °C	Intel Trusted Execution Technology	✓
PCI Express slots version	3.0	Execute Disable Bit	✓
PCI Express configurations	1x8, 1x16, 2x4, 2x8	Intel FDI Technology	✓
Number of processors installed	1	Intel Flex Memory Access	✓
Stepping	E1	Intel Fast Memory Access	✓
CPU multiplier (bus/core ratio)	34	Intel Enhanced Halt State	✓
Maximum internal memory supported by processor	32 GB	Intel Demand Based Switching	✗
Memory types supported by processor	DDR3-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory clock speeds supported by processor	1333,1600 MHz	Processor package size	37.5 x 37.5 mm
Memory bandwidth supported by processor (max)	25,6 GB/s	Supported instruction sets	AVX, SSE4.1, SSE4.2
ECC supported by processor	✗	CPU configuration (max)	1
Memory			
Internal memory *	6 GB		
Maximum internal memory *	16 GB		
Internal memory type	DDR3-SDRAM		
Memory layout (slots x size)	1 x 2 + 1 x 4 GB		

Memory		Processor special features	
Memory slots	4x DIMM	Graphics & IMC lithography	22 nm
Memory clock speed	1600 MHz	Thermal solution specification	PCG 2011D
Non-ECC	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory channels	Dual-channel	Intel Identity Protection Technology version	1,00
Storage		Intel Secure Key Technology version	1,00
Total storage capacity *	500 GB	Intel Virtualization Technology (VT-x)	✓
Storage media *	HDD	Intel TSX-NI version	0,00
Optical drive type *	DVD±RW	Intel Dual Display Capable Technology	✗
Number of hard drives installed	1	Intel Rapid Storage Technology	✗
Hard drive capacity	500 GB	Processor ARK ID	65719
Hard drive interface	SATA II	Intel® Smart Response Technology	✗
Hard drive speed	7200 RPM	Intel® Rapid Start Technology	✗
Card reader integrated	✗	Intel® Turbo Boost Technology	2.0
Graphics		Intel Smart Connect Technology	✗
On-board graphics card *	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
On-board graphics card family	Intel® HD Graphics	Intel® Quick Sync Video Technology	✓
On-board graphics card model *	Intel® HD Graphics 4000	Intel® My WiFi Technology (Intel® MWT)	✗
On-board graphics card base frequency	650 MHz	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card dynamic frequency (max)	1150 MHz	Intel® Anti-Theft Technology (Intel® AT)	✓
Number of displays supported (on-board graphics)	3	Conflict-Free processor	✓
On-board graphics card ID	0x162	Power	
Network		Power supply *	240 W
Ethernet LAN *	✓	Certificates	
Ethernet LAN data rates	10,100,1000 Mbit/s	Compliance certificates	RoHS
Cabling technology	10/100/1000Base-T(X)	Sustainability	
Ports & interfaces		Sustainability certificates	ENERGY STAR
USB 2.0 ports quantity *	6	Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Width *	93 mm
VGA (D-Sub) ports quantity	1	Depth *	312 mm
DVI port	✗	Height *	290 mm
DisplayPorts quantity	2	Weight *	6 kg
PS/2 ports quantity	2	Packaging content	
Ethernet LAN (RJ-45) ports	1	Mouse included	✗
Microphone in	✓	Keyboard included	✗
Headphone outputs	1	Display	
Line-out	✓	Display included *	✗
Line-in	✓	Other features	
Serial ports quantity	1	Optical drives quantity	1
Design		Cooling type	Active
Chassis type *	SFF		
Number of 3.5" bays	1		
Number of 5.25" bays	1		
Cable lock slot	✓		
Product colour *	Black, Silver		
Performance			
Motherboard chipset	Intel® Q77 Express		

## Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.