



DELL OptiPlex 3040 i5-6500 SFF Intel® Core™ i5 4 GB DDR3L-SDRAM 500 GB HDD Windows 8.1 PC Black

Brand : DELL

Product family: OptiPlex

Product code:
CAD015023SFF04IN10JP

Product name : 3040

Intel Core i5-6500 (6M Cache, 3.2 GHz), 4GB DDR3L 1600MHz, 500GB SATA HDD, DVD Super Multi, Gigabit LAN, Windows 8.1 64-bit

DELL OptiPlex 3040. Processor frequency: 3.2 GHz, Processor family: Intel® Core™ i5, Processor model: i5-6500. 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 Super Multi. On-board graphics card model: Intel® HD Graphics 530. Operating system installed: Windows 8.1, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: SFF. Product type: PC



Processor		Performance	
Processor manufacturer *	Intel	Product type *	PC
Processor generation	6th gen Intel® Core™ i5	Software	
Processor model *	i5-6500	Operating system installed *	Windows 8.1
Processor family *	Intel® Core™ i5	Operating system architecture	64-bit
Processor cores	4	Drivers included	✓
Processor boost frequency	3.6 GHz	Processor special features	
Processor frequency *	3.2 GHz	Intel® Small Business Advantage (Intel® SBA)	✓
Processor socket	LGA 1151 (Socket H4)	Intel® Wireless Display (Intel® WiDi)	✓
Processor cache	6 MB	Intel 64	✓
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
Processor threads	4	Embedded options available	✓
System bus rate	8 GT/s	Intel® Built-in Visuals Technology	✓
Bus type	DMI3	Intel® InTru™ 3D Technology	✓
FSB Parity	✗	Intel® Insider™	✓
Processor lithography	14 nm	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor operating modes	64-bit	Intel Clear Video Technology	✓
Processor series	Intel Core i5-6500 Desktop series	Intel VT-x with Extended Page Tables (EPT)	✓
Processor codename	Skylake	Intel TSX-NI	✓
Thermal Design Power (TDP)	65 W	Idle States	✓
Tcase	71 °C	Thermal Monitoring Technologies	✓
PCI Express slots version	3.0	Intel Stable Image Platform Program (SIPP)	✓
Maximum number of PCI Express lanes	16	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® Secure Key	✓
Number of processors installed	1		
Stepping	R0		
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	2133,1333,1600,1866 MHz	Intel® OS Guard	✓
Memory bandwidth supported by processor (max)	34.1 GB/s	Intel Trusted Execution Technology	✓
ECC supported by processor	✗	Execute Disable Bit	✓
Memory voltage supported by processor	1.35 V	Intel HD Graphics	✓
Memory		Intel FDI Technology	✗
Internal memory *	4 GB	Intel Flex Memory Access	✗
Maximum internal memory *	16 GB	Intel Fast Memory Access	✗
Internal memory type	DDR3L-SDRAM	Intel® Smart Cache	✓
Memory layout (slots x size)	1 x 4 GB	Intel Enhanced Halt State	✓
Memory slots	2x DIMM	Intel Demand Based Switching	✗
Memory clock speed	1600 MHz	Intel Software Guard Extensions (Intel SGX)	✓
Non-ECC	✓	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory channels	Dual-channel	Processor package size	37.5 x 37.5 mm
Storage		Supported instruction sets	SSE4.2, AVX 2.0, SSE4.1
Card reader integrated	✗	Processor code	SR2BX
Total storage capacity *	500 GB	Scalability	15
Storage media *	HDD	CPU configuration (max)	1
Optical drive type *	DVD Super Multi	Graphics & IMC lithography	14 nm
Number of storage drives installed	1	Thermal solution specification	PCG 2015C
Number of HDDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD capacity	500 GB	Intel Identity Protection Technology version	1.00
HDD interface	SATA III	Intel Stable Image Platform Program (SIPP) version	1.00
HDD speed	7200 RPM	Intel Secure Key Technology version	1.00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	Not available	Intel Small Business Advantage (SBA) version	1.00
On-board graphics card *	✓	Intel TSX-NI version	1.00
On-board graphics card family	Intel® HD Graphics	Intel Dual Display Capable Technology	✗
On-board graphics card model *	Intel® HD Graphics 530	Intel Rapid Storage Technology	✗
On-board graphics card base frequency	350 MHz	Processor ARK ID	88184
On-board graphics card dynamic frequency (max)	1050 MHz	Intel® Turbo Boost Technology	2.0
Maximum on-board graphics card memory	1.74 GB	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Number of displays supported (on-board graphics)	3	Intel® Quick Sync Video Technology	✓
On-board graphics card DirectX version	12.0	Intel® My WiFi Technology (Intel® MWT)	✗
On-board graphics card OpenGL version	4.4	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card ID	1912	Intel® Anti-Theft Technology (Intel® AT)	✗
Graphics card Open GL support	✓	Conflict-Free processor	✓
Network		Power	
Ethernet LAN *	✓	Power supply *	180 W
Ethernet LAN data rates	10,100,1000 Mbit/s	Power supply input voltage	100 - 240 V
Cabling technology	10/100/1000Base-T(X)	Power supply input frequency	50 - 60 Hz
Wi-Fi *	✗	Operational conditions	
Ports & interfaces		Operating temperature (T-T)	5 - 35 °C
USB 2.0 ports quantity *	4	Storage temperature (T-T)	-40 - 65 °C
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Operating relative humidity (H-H)	20 - 80%
VGA (D-Sub) ports quantity	1	Storage relative humidity (H-H)	5 - 95%
DVI port	✗	Operating altitude	-15.2 - 3048 m
HDMI ports quantity *	1	Non-operating altitude	-15.2 - 10668 m
HDMI version	1.4	Certificates	
DisplayPorts quantity	1	Certification	CECP, WEEE
PS/2 ports quantity	2		
Ethernet LAN (RJ-45) ports	1		

Ports & interfaces		Sustainability	
Microphone in	✗	Sustainability certificates	RoHS, ENERGY STAR
Line-out	✓	Weight & dimensions	
Line-in	✗	Width *	92.6 mm
Combo headphone/mic port	✓	Depth *	292 mm
S/PDIF out port	✗	Height *	290 mm
Expansion slots		Weight *	4.48 kg
PCI Express x1 slots	1	Packaging content	
PCI Express x16 slots	1	Display included *	✗
Design		Mouse included	✓
Chassis type *	SFF	Keyboard included	✓
Placement supported	Horizontal/Vertical	Cables included	AC
Water cooling system	✗	Manual	✓
Number of 3.5" bays	1	Other features	
Number of 2.5" bays	1	Optical drives quantity	1
Cable lock slot	✓		
Product colour *	Black		
Performance			
Motherboard chipset	Intel® H110		
Compatible processor series	Intel® Celeron® Dual-Core, Intel® Pentium® Dual-Core		
Audio system	HD		
Password protection	✓		
Password protection type	BIOS, HDD, Supervisor, User		

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