

DELL OptiPlex 3020 Intel® Core™ i3 i3-4160T 4 GB DDR3L-SDRAM 500 GB HDD Windows 7 Professional Mini PC Black

Brand : DELL Product family: OptiPlex Article code: 3020-8307

Product name: 3020

DELL OptiPlex 3020. Processor frequency: 3,1 GHz, Processor family: Intel® Core™ i3, Processor model: i3-4160T. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM, Memory clock speed: 1600 MHz. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 65 W. Chassis type: Mini PC. Product type: Mini PC. Product color: Black





Processor		Software	
Processor manufacturer *	Intel	Operating system installed *	Windows 7 Professional
Processor family *	Intel® Core™ i3 4th gen Intel® Core™ i3 i3-4160T	Processor special features	
Processor generation Processor model *		Intel® Small Business Advantage (Intel® SBA)	×
Processor cores Processor threads	2 4	Intel® Wireless Display (Intel® WiDi)	✓
Processor frequency *	3,1 GHz	Intel 64	✓
Processor socket	LGA 1150 (Socket H3)	Enhanced Intel SpeedStep	✓
Processor cache	3 MB	Technology	
Processor cache type	Smart Cache	Embedded options available	×
System bus rate	5 GT/s	Intel® InTru™ 3D Technology	✓
Bus type	DMI	Intel® Insider™	×
FSB Parity	×	Intel® Clear Video HD Technology (Intel® CVT HD)	/
Processor lithography	22 nm		
Processor operating modes	64-bit	Intel Clear Video Technology	×
Processor series	Intel Core i3-4100 Desktop series	Intel VT-x with Extended Page Tables (EPT)	✓
Processor codename	Haswell		
Thermal Design Power (TDP)	35 W	Intel TSX-NI	×
Tcase	66,4 °C	Idle States	✓
PCI Express slots version	3.0	Thermal Monitoring Technologies	/
Maximum number of PCI Express lanes	16	Intel Stable Image Platform Program (SIPP)	×
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® AES New Instructions (Intel®	
Number of processors installed	1	AES-NI)	1
Stepping	C0	Intel® Secure Key	✓
Maximum internal memory supported by processor	32 GB	Intel Trusted Execution Technology	×

Processor		Processor special features	
		•	,
Memory types supported by processor	DDR3-SDRAM	Execute Disable Bit	٧
Memory clock speeds supported by	1333,1600 MHz	Intel FDI Technology	X
processor Memory bandwidth supported by		Intel Flex Memory Access Intel Fast Memory Access	X
processor (max)	25,6 GB/s	,	×
ECC supported by processor	✓	Intel® Smart Cache Intel Enhanced Halt State	v
Memory		Intel Demand Based Switching	×
Internal memory *	4 GB	Intel® Clear Video Technology for	^
Maximum internal memory *	16 GB	Mobile Internet Devices (Intel CVT	x
Internal memory type	DDR3L-SDRAM	for MID)	27 5 x 27 5 mm
Memory layout (slots x size)	1 x 4 GB	Processor package size Supported instruction sets	37.5 x 37.5 mm AVX 2.0, SSE4.1, SSE4.2
Memory slots Memory clock speed	2x SO-DIMM 1600 MHz	Processor code	SR1PH
Memory channels	Dual-channel	Scalability	1S
Storage		CPU configuration (max)	1
Total storage capacity *	500 GB	Graphics & IMC lithography	22 nm
Storage media *	HDD	Thermal solution specification Intel Virtualization Technology for	PCG 2013A
Optical drive type *	X	Directed I/O (VT-d)	X
Number of storage drives installed	1	Intel Stable Image Platform Program (SIPP) version	0,00
Number of HDDs installed HDD capacity	1 500 GB	Intel Secure Key Technology version	1,00
HDD interface	SATA	Intel Virtualization Technology (VT-x)	✓
HDD speed Card reader integrated	7200 RPM ×	Intel Small Business Advantage (SBA) version	1,00
Graphics	•	Intel TSX-NI version	0,00
On-board graphics card *	✓	Intel Dual Display Capable Technology	×
Discrete graphics card model *	Not available	Intel Rapid Storage Technology	×
On-board graphics card family	Intel® HD Graphics	Processor ARK ID	77489
On-board graphics card model *	Intel® HD Graphics 4400	Intel® Smart Response Technology	x
On-board graphics card base frequency	200 MHz	Intel® Rapid Start Technology	×
On-board graphics card dynamic	1150 MHz	Intel® Turbo Boost Technology	X
frequency (max) Maximum on-board graphics card	1,7 GB	Intel Smart Connect Technology Intel® Hyper Threading Technology	×
memory Number of displays supported (on-	3	(Intel® HT Technology) Intel® Quick Sync Video Technology	· -
board graphics) On-board graphics card DirectX		Intel® My WiFi Technology (Intel®	×
version	11.1	MWT) Intel® Identity Protection	
On-board graphics card ID	0x41E	Technology (Intel® IPT)	X
Network	,	Intel® Anti-Theft Technology (Intel® AT)	×
Ethernet LAN * Ethernet LAN data rates	10,100,1000 Mbit/s	Conflict-Free processor	✓
Cabling technology	10,100,1000 Mbit/s 10/100/1000Base-T(X)	Power	
Wi-Fi *	X	Power supply *	65 W
Ports & interfaces		Power supply input voltage	100 - 240 V
USB 2.0 ports quantity *	4	Power supply input frequency	5/60 Hz
USB 3.2 Gen 1 (3.1 Gen 1) Type-A		Certificates	
ports quantity *	2	Compliance certificates	RoHS
VGA (D-Sub) ports quantity	1	Sustainability	
DVI port	X	Sustainability certificates	ENERGY STAR
DisplayPorts quantity Ethernet LAN (RJ-45) ports	1	Weight & dimensions	
Microphone in	√	Width *	36 mm
Headphone outputs	1	Depth *	176 mm
Combo headphone/mic port	- ✓	Height *	182 mm
Design		Weight *	1,28 kg

Design		Packaging content	
Chassis type *	Mini PC	Mouse included	✓
Volume	1,9 L	Keyboard included	✓
Placement supported	Horizontal/Vertical	Cables included	AC
Water cooling system	×	Manual	✓
Number of 2.5" bays Cable lock slot	1	Display	
Product color *	Black	Display included *	×
Performance		Other features	
Motherboard chipset	Intel® H81 Intel Pentium G	Intel® Virtualization Technology (Intel® VT)	VT-x
Compatible processor series Product type *	Mini PC	Intel segment tagging	Enterprise, Small Business
Software			
Operating system architecture Recovery operating system	64-bit Windows 8.1		

Catalog Object Cloud



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