



DELL OptiPlex 3050 Intel® Core™ i5 i5-7500 8 GB DDR4-SDRAM 256 GB SSD Windows 10 Pro Mini Tower PC Black

Brand : DELL

Product family: OptiPlex

Product code: 3050-4899

Product name : 3050

Intel Core i5-7500 (6M Cache, up to 3.80 GHz), 8GB DDR4, 256GB SSD, DVD+/-RW, Intel HD Graphics 630, Gigabit Ethernet, Windows 10 Pro 64-bit

DELL OptiPlex 3050. Processor frequency: 3,4 GHz, Processor family: Intel® Core™ i5, Processor model: i5-7500. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2400 MHz.

Total storage capacity: 256 GB, Storage media: SSD, Optical drive type: DVD±RW. On-board graphics card model: Intel® HD Graphics 630. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Power supply: 240 W. Chassis type: Mini Tower. Product type: PC



Processor		Performance	
Processor manufacturer *	Intel	Compatible processor series	Intel® Celeron®, Intel® Pentium®
Processor family *	Intel® Core™ i5	Audio chip	Realtek ALC3234
Processor generation	7th gen Intel® Core™ i5	Password protection	✓
Processor model *	i5-7500	Password protection type	BIOS, User
Processor cores	4	Trusted Platform Module (TPM)	✓
Processor threads	4	Product type *	PC
Processor boost frequency	3,8 GHz	Software	
Processor frequency *	3,4 GHz	Operating system architecture	64-bit
Processor socket	LGA 1151 (Socket H4)	Operating system language	Multilingual
Processor cache	6 MB	Operating system installed *	Windows 10 Pro
Processor cache type	Smart Cache	Drivers included	✓
System bus rate	8 GT/s	Trial software	Microsoft Office
Bus type	DMI3	Processor special features	
Processor lithography	14 nm	Intel 64	✓
Processor operating modes	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor series	Intel Core i5-7500 Desktop Series	Embedded options available	✓
Processor codename	Kaby Lake	Intel® InTru™ 3D Technology	✓
Thermal Design Power (TDP)	65 W	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Tjunction	100 °C	Intel Clear Video Technology	✓
PCI Express slots version	3.0	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	16	Intel TSX-NI	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8	Idle States	✓
Number of processors installed	1	Thermal Monitoring Technologies	✓
Stepping	B0	Intel Stable Image Platform Program (SIPP)	✓
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	1333,1600,2133,2400 MHz	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	✓
Internal memory *	8 GB	Execute Disable Bit	✓
Maximum internal memory *	32 GB	Intel Enhanced Halt State	✓
Internal memory type	DDR4-SDRAM	Intel Software Guard Extensions (Intel SGX)	✓
Memory layout (slots x size)	1 x 8 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory slots	2x DIMM	Processor package size	37.5 x 37.5 mm
Memory clock speed	2400 MHz	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Non-ECC	✓	Processor code	SR335
Memory channels	Dual-channel	Scalability	15
Storage		CPU configuration (max)	1
Total storage capacity *	256 GB	Thermal solution specification	PCG 2015C
Storage media *	SSD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	DVD±RW	Intel Identity Protection Technology version	1,00
Number of SSDs installed	1	Intel Stable Image Platform Program (SIPP) version	1,00
Solid-state drive capacity	256 GB	Intel Secure Key Technology version	1,00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✗	Intel TSX-NI version	1,00
On-board graphics card *	✓	Processor ARK ID	97123
Discrete graphics card model *	Not available	Intel® Turbo Boost Technology	2.0
On-board graphics card family	Intel® HD Graphics	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
On-board graphics card model *	Intel® HD Graphics 630	Intel® Quick Sync Video Technology	✓
On-board graphics card base frequency	350 MHz	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card dynamic frequency (max)	1100 MHz	Conflict-Free processor	✓
Maximum on-board graphics card memory	64 GB	Power	
Number of displays supported (on-board graphics)	3	Power supply *	240 W
On-board graphics card DirectX version	12.0	Power supply input voltage	90 - 264 V
On-board graphics card OpenGL version	4.4	Power supply input frequency	47/63 Hz
On-board graphics card ID	5912	Operational conditions	
Network		Operating temperature (T-T)	0 - 35 °C
Ethernet LAN *	✓	Storage temperature (T-T)	-40 - 65 °C
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating relative humidity (H-H)	10 - 90%
Cabling technology	10/100/1000Base-T(X)	Storage relative humidity (H-H)	5 - 95%
Wi-Fi *	✗	Operating altitude	-15,2 - 3048 m
Ports & interfaces		Non-operating altitude	-15,2 - 10668 m
USB 2.0 ports quantity *	4	Sustainability	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Sustainability certificates	ENERGY STAR
DVI port	✗	Weight & dimensions	
HDMI ports quantity *	1	Width *	154 mm
HDMI version	1.4	Depth *	274,3 mm
DisplayPorts quantity	1	Height *	350,5 mm
Ethernet LAN (RJ-45) ports	1	Weight *	7,93 kg
Microphone in	✗	Packaging content	
Line-out	✓	Mouse included on selected markets only	✓
Line-in	✓	Keyboard included on selected markets only	✓
Combo headphone/mic port	✓	Manual	✓

Expansion slots		Display	
PCI Express x1 slots	3	Display included *	×
PCI Express x16 slots	1	Other features	
Design		Optical drives quantity	1
Chassis type *	Mini Tower		
Placement supported	Vertical		
Number of 3.5" bays	1		
Number of 2.5" bays	2		
Cable lock slot	✓		
Product colour *	Black		
Performance			
Market positioning	Business		



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