



DELL OptiPlex 3040 MT + E2216H Intel® Core™ i3 i3-6100 4 GB DDR3L-SDRAM 500 GB HDD Windows 7 Professional Mini Tower PC Black

Brand : DELL

Product family: OptiPlex

Article code: 3040-2437+210-AFPF

Product name : 3040 MT + E2216H

DELL OptiPlex 3040 MT + E2216H. 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: 240 W. Chassis type: Mini Tower. Product type: PC



Processor		Software	
Processor manufacturer *	Intel	Drivers included	✓
Processor family *	Intel® Core™ i3	Trial software	Microsoft Office
Processor generation	6th gen Intel® Core™ i3	Processor special features	
Processor model *	i3-6100	Intel® Small Business Advantage (Intel® SBA)	✓
Processor cores	2	Intel® Wireless Display (Intel® WiDi)	✓
Processor threads	4	Intel 64	✓
Processor frequency *	3,7 GHz	Enhanced Intel SpeedStep Technology	✓
Processor socket	LGA 1151 (Socket H4)	Embedded options available	✓
Processor cache	3 MB	Intel® InTru™ 3D Technology	✓
Processor cache type	L3	Intel® Insider™	✓
System bus rate	8 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Bus type	DMI3	Intel Clear Video Technology	✓
FSB Parity	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Processor lithography	14 nm	Intel TSX-NI	✗
Processor operating modes	64-bit	Idle States	✓
Processor series	Intel Core i3-6100 series	Thermal Monitoring Technologies	✓
Processor codename	Skylake	Intel Stable Image Platform Program (SIPP)	✗
Thermal Design Power (TDP)	51 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Tcase	65 °C	Intel® Secure Key	✓
PCI Express slots version	3.0	Intel® OS Guard	✓
Maximum number of PCI Express lanes	16	Intel Trusted Execution Technology	✗
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	Execute Disable Bit	✓
Memory bandwidth supported by processor (max)	34,1 GB/s	Intel FDI Technology	✗
ECC supported by processor	✓	Intel Flex Memory Access	✗
Memory voltage supported by processor	1,35 V	Intel Fast Memory Access	✗
Memory		Intel® Smart Cache	✓
Internal memory *	4 GB	Intel Enhanced Halt State	✓
Maximum internal memory *	16 GB	Intel Demand Based Switching	✗
Internal memory type	DDR3L-SDRAM	Intel Software Guard Extensions (Intel SGX)	✓
Memory layout (slots x size)	1 x 4 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	1600 MHz	Supported instruction sets	SSE4.1, SSE4.2
Non-ECC	✓	Processor code	SR2HG
Memory channels	Dual-channel	Scalability	1S
Storage		CPU configuration (max)	1
Total storage capacity *	500 GB	Graphics & IMC lithography	14 nm
Storage media *	HDD	Thermal solution specification	PCG 2015C
Optical drive type *	DVD±RW	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of storage drives installed	1	Intel Identity Protection Technology version	1,00
Number of HDDs installed	1	Intel Stable Image Platform Program (SIPP) version	0,00
HDD capacity	500 GB	Intel Secure Key Technology version	1,00
HDD interface	SATA III	Intel Virtualization Technology (VT-x)	✓
HDD speed	7200 RPM	Intel Small Business Advantage (SBA) version	1,00
HDD size	3.5"	Intel TSX-NI version	0,00
Card reader integrated	✓	Intel Dual Display Capable Technology	✗
Compatible memory cards	SD	Intel Rapid Storage Technology	✗
Graphics		Processor ARK ID	90729
Discrete graphics card *	✗	Intel® Turbo Boost Technology	✗
On-board graphics card *	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Discrete graphics card model *	Not available	Intel® Quick Sync Video Technology	✓
On-board graphics card family	Intel® HD Graphics	Intel® My WiFi Technology (Intel® MWT)	✗
On-board graphics card model *	Intel® HD Graphics 530	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card base frequency	350 MHz	Intel® Anti-Theft Technology (Intel® AT)	✗
On-board graphics card dynamic frequency (max)	1050 MHz	Conflict-Free processor	✓
Maximum on-board graphics card memory	1,7 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	100 - 240 V
On-board graphics card OpenGL version	4.4	Power supply input frequency	50 - 60 Hz
On-board graphics card ID	0x1912	Operational conditions	
Network		Operating temperature (T-T)	5 - 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)	20 - 80%
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	Certificates	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Compliance certificates	RoHS
DVI port	✗	Certification	CECP, WEEE
HDMI ports quantity *	1		
HDMI version	1.4		

Ports & interfaces		Sustainability	
DisplayPorts quantity	1	Sustainability certificates	ENERGY STAR
PS/2 ports quantity	2	Weight & dimensions	
Ethernet LAN (RJ-45) ports	1	Width *	154,9 mm
Microphone in	✗	Depth *	274,3 mm
Line-out	✓	Height *	350,2 mm
Combo headphone/mic port	✓	Weight *	8 kg
Expansion slots		Packaging content	
PCI Express x1 slots	3	Cables included	AC
PCI Express x16 slots	1	Manual	✓
Design		Display	
Chassis type *	Mini Tower	Display included *	✓
Placement supported	Horizontal/Vertical	Display diagonal	54,6 cm (21.5")
Number of 3.5" bays	1	Display type	LED
Number of 5.25" bays	1	Display resolution	1920 x 1080 pixels
Number of 2.5" bays	2	Panel type	IPS
Cable lock slot	✓	Native aspect ratio	16:9
Product color *	Black	Contrast ratio (typical)	1000:1
Performance		Display number of colors	16.78 million colours
Motherboard chipset	Intel® H110	Display brightness	250 cd/m²
Compatible processor series	Intel® Celeron® Dual-Core, Intel® Pentium® Dual-Core	Viewing angle, horizontal	170°
Password protection	✓	Viewing angle, vertical	160°
Password protection type	BIOS, HDD, Supervisor, User	Other features	
Product type *	PC	Optical drives quantity	1
Software		Full HD	✓
Operating system architecture	64-bit		
Operating system language	Multilingual		
Operating system installed *	Windows 7 Professional		
Optional operating system supplied	Windows 10 Pro		

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