



HP ProDesk 600 G2 Intel® Core™ i5 i5-6500 DDR4-SDRAM 256 GB SSD Windows 7 Professional SFF PC Black

Brand : HP

Product family: ProDesk

Product code: L1Q39AV

Product name : 600 G2

HP ProDesk 600 G2 Small Form Factor PC - CTO

HP ProDesk 600 G2. Processor frequency: 3.2 GHz, Processor family: Intel® Core™ i5, Processor model: i5-6500. Internal memory type: DDR4-SDRAM, Memory clock speed: 2133 MHz. Total storage capacity: 256 GB, Storage media: SSD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 530. Operating system installed: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 280 W. Chassis type: SFF. Product type: PC. Product colour: Black



Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Small Business Advantage (Intel® SBA)	✓
Processor family *	Intel® Core™ i5	Intel® Wireless Display (Intel® WiDi)	✓
Processor generation	6th gen Intel® Core™ i5	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor model *	i5-6500	Intel® High Definition Audio (Intel® HD Audio)	✗
Processor cores	4	Intel 64	✓
Processor threads	4	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Processor boost frequency	3.6 GHz	Enhanced Intel SpeedStep Technology	✓
Processor frequency *	3.2 GHz	Intel Standard Manageability	✓
Processor cache	6 MB	Embedded options available	✓
Processor cache type	Smart Cache	Intel® Built-in Visuals Technology	✓
System bus rate	8 GT/s	Thunderbolt™ 3 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	Intel® OS Guard	✓
Processor socket	LGA 1151 (Socket H4)	Intel Trusted Execution Technology	✓
Stepping	R0		
Maximum internal memory supported by processor	64 GB		
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM		
Memory clock speeds supported by processor	2133,1333,1600,1866 MHz		
Memory bandwidth supported by processor (max)	34.1 GB/s		
ECC supported by processor	✗		

Processor		Processor special features		
Memory voltage supported by processor	1.35 V	Execute Disable Bit	✓	
Memory	Maximum internal memory * 64 GB Internal memory type DDR4-SDRAM Memory slots 4x DIMM Memory clock speed 2133 MHz Memory channels Dual-channel	Intel HD Graphics	✓	
		Intel FDI Technology	✗	
		Intel Flex Memory Access	✗	
		Intel Fast Memory Access	✗	
		Intel® Smart Cache	✓	
		Intel Enhanced Halt State	✓	
Storage	Total storage capacity * 256 GB Storage media * SSD Optical drive type * DVD Super Multi Total SSDs capacity 256 GB Number of SSDs installed 1	Intel Demand Based Switching	✗	
		Intel Software Guard Extensions (Intel SGX)	✓	
		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓	
		Processor package size	37.5 x 37.5 mm	
		Supported instruction sets	SSE4.2, AVX 2.0, SSE4.1	
Graphics	On-board graphics card * ✓ On-board graphics card family Intel® HD Graphics On-board graphics card model * Intel® HD Graphics 530 On-board graphics card base frequency 350 MHz On-board graphics card dynamic frequency (max) 1050 MHz Maximum on-board graphics card memory 1.74 GB Number of displays supported (on-board graphics) 3 On-board graphics card DirectX version 12.0 On-board graphics card OpenGL version 4.4 On-board graphics card ID 1912	Processor code	SR2BX	
		Scalability	1S	
		CPU configuration (max)	1	
		Graphics & IMC lithography	14 nm	
		Thermal solution specification	PCG 2015C	
		Intel Virtualization Technology for Directed I/O (VT-d)	✓	
		Intel Identity Protection Technology version	1.00	
		Intel Stable Image Platform Program (SIPP) version	1.00	
		Intel Secure Key Technology version	1.00	
		Intel Virtualization Technology (VT-x)	✓	
		Intel Small Business Advantage (SBA) version	1.00	
		Intel TSX-NI version	1.00	
		Intel Dual Display Capable Technology	✗	
		Intel Rapid Storage Technology	✗	
Performance	Motherboard chipset Intel Q150 Product type * PC	Processor ARK ID	88184	
		Intel® Smart Response Technology	✗	
		Intel® Rapid Start Technology	✗	
Optical drive	Optical drives quantity 1 LightScribe ✗	Intel® Turbo Boost Technology	2.0	
		Intel Smart Connect Technology	✗	
		Intel® Hyper Threading Technology (Intel® HT Technology)	✗	
Network	Ethernet LAN * ✓ Ethernet LAN data rates 10,100,1000 Mbit/s Cabling technology 10/100/1000Base-T(X) Wi-Fi * ✗ Bluetooth ✗	Intel® Quick Sync Video Technology	✓	
		Intel® My WiFi Technology (Intel® MWT)	✗	
		Intel® Identity Protection Technology (Intel® IPT)	✓	
		Intel® Anti-Theft Technology (Intel® AT)	✗	
		Conflict-Free processor	✓	
Ports & interfaces	USB 2.0 ports quantity * 4 USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 6 DisplayPorts quantity 2 Ethernet LAN (RJ-45) ports 1 Headphone outputs 1 Line-out ✓ Line-in ✓ VGA (D-Sub) ports quantity 1 Microphone in ✓ DVI port ✗ PS/2 ports quantity 2 DC-in jack ✓ Serial ports quantity 1	Display		
		Display included *		✗
		Audio		
		Audio system	DTS Sound	
		Operational conditions		
		Operating temperature (T-T)	10 - 40 °C	
		Storage temperature (T-T)	-20 - 60 °C	
		Operating relative humidity (H-H)	10 - 90%	
		Storage relative humidity (H-H)	5 - 90%	
		Operating altitude	0 - 3050 m	

Expansion slots		Operational conditions	
Number of 3.5" bays	2	Non-operating altitude	0 - 4570 m
PCI Express x1 slots	3	Weight & dimensions	
PCI Express x16 slots	1	Width *	100 mm
Power		Depth *	381 mm
Power supply *	280 W	Height *	377 mm
Power supply input voltage	100 - 240 V	Weight *	6.9 kg
Power supply input frequency	50 - 60 Hz	Certificates	
Design		Compliance certificates	RoHS
Chassis type *	SFF	Sustainability	
Placement supported	Horizontal/Vertical	Sustainability certificates	EPEAT Silver, ENERGY STAR
Water cooling system	✗	Other features	
Number of 5.25" bays	1	Intel segment tagging	Enterprise, Small Business
Number of 2.5" bays	1		
Product colour *	Black		
Intel® vPro™ Platform Eligibility	✗		
Country of origin	China		
Software			
Operating system architecture	64-bit		
Recovery operating system	Windows 10 Pro		
Operating system installed *	Windows 7 Professional		

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