



## HP ProDesk 600 G5 Intel® Core™ i7 i7-9700 16 GB DDR4-SDRAM 512 GB SSD Windows 10 Pro SFF PC Black, Silver

**Brand :** HP

**Product family:** ProDesk

**Product code:** 7AC45EA#KIT1

**Product name :** 600 G5

HP ProDesk 600 G5. Processor frequency: 3 GHz, Processor family: Intel® Core™ i7, Processor: i7-9700. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2666 MHz. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics 630. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Form factor: SFF. Product type: PC. Product colour: Black, Silver



Processor		Ports & interfaces	
Processor manufacturer *	Intel	On/off button	✓
Processor family *	Intel® Core™ i7	<b>Design</b>	
Processor generation	9th gen Intel® Core™ i7	Form factor *	SFF
Processor *	i7-9700	Placement supported	Horizontal
Processor number of cores	8	Product colour *	Black, Silver
Processor threads	8	Country of origin	China
Processor boost frequency	4.7 GHz	<b>Performance</b>	
Processor frequency *	3 GHz	Market positioning	Business
Processor socket	LGA 1151 (Socket H4)	Chipset	Intel Q370
Processor cache	12 MB	Audio chip	Conexant CX20632
Processor cache type	Smart Cache	Password protection	✓
System bus data transfer rate	8 GT/s	Password protection type	BIOS, User
Processor lithography	14 nm	Product type *	PC
Processor operating modes	64-bit	<b>Software</b>	
Processor codename	Coffee Lake	Operating system architecture	64-bit
Thermal Design Power (TDP)	65 W	Operating system installed *	Windows 10 Pro
Tjunction	100 °C	<b>Processor special features</b>	
PCI Express slots version	3.0	Intel 64	✓
Maximum number of PCI Express lanes	16	Enhanced Intel SpeedStep Technology	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Embedded options available	✗
Number of processors installed	1	Intel® InTru™ 3D Technology	✓
Maximum internal memory supported by processor	128 GB	Intel Clear Video HD Technology	✓
Memory types supported by processor	DDR4-SDRAM	Intel Clear Video Technology	✓
Memory clock speeds supported by processor	2666 MHz	Intel VT-x with Extended Page Tables (EPT)	✓
Memory bandwidth supported by processor (max)	41.6 GB/s	Intel TSX-NI	✓
<b>Memory</b>		Idle States	✓
Internal memory *	16 GB	Thermal Monitoring Technologies	✓
Memory, maximum *	128 GB	Intel Stable Image Platform Program (SIPP)	✓
Internal memory type	DDR4-SDRAM	Intel AES New Instructions	✓
Memory layout (slots x size)	1 x 16 GB	Intel® Secure Key	✓
Memory slots	4x DIMM	Intel® OS Guard	✓
Memory clock speed	2666 MHz	Intel Trusted Execution Technology	✓
<b>Storage</b>		Execute Disable Bit	✓
Total storage capacity *	512 GB	Intel Software Guard Extensions (Intel SGX)	✓
Storage media *	SSD		
Optical drive *	✗		

Storage		Processor special features	
Number of storage drives installed	1	Processor package size	37.5 x 37.5 mm
Total SSDs capacity	512 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Number of SSDs installed	1	Scalability	1S
Solid-state drive capacity	512 GB	CPU configuration (max)	1
Solid-state drive interfaces	NVMe, PCI Express	Thermal solution specification	PCG 2015C
NVMe	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✗	Processor ARK ID	191792
On-board graphics card *	✓	Intel Turbo Boost Technology	2.0
Discrete graphics card model *	Not available	Intel Hyper-Threading Technology	✗
On-board graphics card family	Intel® UHD Graphics	Intel® Quick Sync Video Technology	✓
On-board graphics card model *	Intel® UHD Graphics 630	Intel Identity Protection Technology	✓
On-board graphics card base frequency	350 MHz	Power	
On-board graphics card dynamic frequency (max)	1200 MHz	Power supply *	180 W
Maximum on-board graphics card memory	64 GB	Sustainability	
Number of displays supported (on-board graphics)	3	Sustainability certificates	ENERGY STAR
On-board graphics card DirectX version	12.0	Weight & dimensions	
On-board graphics card OpenGL version	4.5	Width *	95 mm
On-board graphics card ID	0x3E98	Depth *	270 mm
Network		Height *	296 mm
Ethernet LAN connection *	✓	Weight *	4.5 kg
Ethernet LAN data rates	10,100,1000 Mbit/s	Packaging content	
Cabling technology	10/100/1000Base-T(X)	Mouse included	✓
Wi-Fi *	✗	Mouse included on selected markets only	✓
Ports & interfaces		Keyboard included	✓
USB 2.0 ports quantity *	4	Keyboard included on selected markets only	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Manual	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4	Power cord included	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2	Display	
DVI port	✗	Display included *	✓
DisplayPorts quantity	2	Display diagonal	58.4 cm (23")
DisplayPort version	1.2	Display type	LED
Ethernet LAN (RJ-45) ports	1	Display resolution	1920 x 1080 pixels
Microphone in	✗	Panel type	IPS
Headphone outputs	1	Native aspect ratio	16:9
Line-out	✓	Contrast ratio (typical)	1000:1
Line-in	✓	Display colors	16.78 million colours
Combo headphone/mic port	✓	Display brightness	250 cd/m²
		Viewing angle, horizontal	178°
		Viewing angle, vertical	178°
		Other features	
		Full HD	✓
		Windows keys	✓

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