



HP ProDesk 400 G2 MT Intel® Core™ i5 i5-4590S 4 GB DDR3-SDRAM 500 GB HDD Windows 7 Professional Micro Tower PC Black

Brand : HP

Product family: ProDesk

Product code: J4B19EA#UUW - NEW RETAIL

Product name : 400 G2 MT

Intel Core i5-4590S (3.0GHz, 6MB), 4GB (1 x 4GB) DDR3 SDRAM, 500GB SATA 7200 rpm, SuperMulti DVD-RW, Intel HD Graphics 4600, Windows 7 Professional 64 / Windows 8.1 Pro 64

HP ProDesk 400 G2 MT. Processor frequency: 3 GHz, Processor family: Intel® Core™ i5, Processor: i5-4590S. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1600 MHz. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 4600. Operating system installed: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: Micro Tower. Product type: PC



Processor		Design	
Processor manufacturer *	Intel	Country of origin	China
Processor family *	Intel® Core™ i5	Performance	
Processor generation	4th gen Intel® Core™ i5	Motherboard chipset	Intel® H81
Processor *	i5-4590S	Audio system	DTS Sound+
Processor number of cores	4	Product type *	PC
Processor threads	4	Software	
Processor boost frequency	3.7 GHz	Operating system installed *	Windows 7 Professional
Processor frequency *	3 GHz	Operating system architecture	64-bit
Processor socket	LGA 1150 (Socket H3)	Recovery operating system	Windows 8.1 Pro
Processor cache	6 MB	Processor special features	
Processor cache type	Smart Cache	Intel Wireless Display (WiDi) Technology	✓
System bus data transfer rate	5 GT/s	Intel 64	✓
Bus type	DMI	Enhanced Intel SpeedStep Technology	✓
FSB Parity	✗	Embedded options available	✓
Processor lithography	22 nm	Intel® InTru™ 3D Technology	✓
Processor operating modes	64-bit	Intel® Insider™	✓
Processor series	Intel Core i5-4500 Desktop Series	Intel Clear Video HD Technology	✓
Processor codename	Haswell	Intel Clear Video Technology	✗
Thermal Design Power (TDP)	65 W	Intel VT-x with Extended Page Tables (EPT)	✓
Tcase	71.35 °C	Intel TSX-NI	✗
PCI Express slots version	3.0	Idle States	✓
Maximum number of PCI Express lanes	16	Thermal Monitoring Technologies	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Stable Image Platform Program (SIPP)	✓
Number of processors installed	1	Intel AES New Instructions	✓
Stepping	C0	Intel® Secure Key	✓
Maximum internal memory supported by processor	32 GB		
Memory types supported by processor	DDR3-SDRAM		

Processor		Processor special features	
Memory clock speeds supported by processor	1333,1600 MHz	Intel® OS Guard	✓
Memory bandwidth supported by processor (max)	25.6 GB/s	Intel Trusted Execution Technology	✓
ECC supported by processor	✗	Execute Disable Bit	✓
Memory		Intel FDI Technology	✓
Internal memory *	4 GB	Intel Flex Memory Access	✗
Maximum internal memory *	16 GB	Intel Fast Memory Access	✗
Internal memory type	DDR3-SDRAM	Intel® Smart Cache	✓
Memory layout (slots x size)	1 x 4 GB	Intel Enhanced Halt State	✓
Memory slots	2x DIMM	Intel Demand Based Switching	✗
Memory clock speed	1600 MHz	Intel Clear Video Technology for MID	✗
Memory channels	Dual-channel	Processor package size	37.5 x 37.5 mm
Storage		Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Total storage capacity *	500 GB	Processor code	SR1QN
Storage media *	HDD	Scalability	1S
Optical drive type *	DVD Super Multi	CPU configuration (max)	1
Number of hard drives installed	1	Graphics & IMC lithography	22 nm
Hard drive capacity	500 GB	Thermal solution specification	PCG 2013C
Hard drive interface	SATA	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Hard drive rotational speed	7200 RPM	Intel Identity Protection Technology version	1.00
Card reader integrated	✓	Intel Stable Image Platform Program (SIPP) version	1.00
Graphics		Intel Secure Key Technology version	1.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	Not available	Intel Small Business Advantage (SBA) version	1.00
On-board graphics card family	Intel® HD Graphics	Intel TSX-NI version	0.00
On-board graphics card model *	Intel® HD Graphics 4600	Intel Dual Display Capable Technology	✗
On-board graphics card base frequency	350 MHz	Intel Rapid Storage Technology	✗
On-board graphics card dynamic frequency (max)	1150 MHz	Processor ARK ID	80816
Maximum on-board graphics card memory	1.024 GB	Intel Turbo Boost Technology	2.0
Number of displays supported (on-board graphics)	3	Intel Hyper-Threading Technology	✗
On-board graphics card DirectX version	11.1	Intel® Quick Sync Video Technology	✓
On-board graphics card ID	0x412	Intel My WiFi Technology	✓
Network		Intel Identity Protection Technology	✓
Ethernet LAN connection *	✓	Intel Anti-Theft Technology	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Conflict-Free processor	✓
Wi-Fi *	✗	Energy Management	
Ports & interfaces		Power supply *	180 W
USB 2.0 ports quantity *	4	Sustainability	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Sustainability certificates	ENERGY STAR
VGA (D-Sub) ports quantity	1	Weight & Dimensions	
DVI port	✓	Width *	165 mm
PS/2 ports quantity	2	Depth *	358.8 mm
Ethernet LAN (RJ-45) ports quantity	1	Height *	355 mm
Microphone in	✓	Weight *	6.5 kg
Headphone outputs	1	Packaging Content	
Line-out	✓	Display included *	✗
Line-in	✓	Mouse included	✗
Serial ports quantity	1	Keyboard included	✓
Expansion Slots		Other features	
PCI Express x1 slots	3	Optical drives quantity	1
PCI Express x16 slots	1	Intel segment tagging	Enterprise, Small Business
		BD interface type	SATA

Design

Chassis type *

Micro Tower

Product colour *

Black

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