![HP logo]

HP EliteOne 800 G2 NT Intel® Core™ i5 58.4 cm (23") 1920 x 1080 pixels 8 GB DDR4-SDRAM 500 GB HDD All-in-One PC Windows 7 Professional Silver

Brand : HP   **Product family:** EliteOne   **Product code:** T6C25AW#ABH

Product name : 800 G2 NT

23" IPS Non-touch 1920 x 1080, Intel Core i5-6500, 8GB DDR4-2133, 500GB 7200rpm SATA, Slim Tray-load DVD-ROM, Intel HD Graphics 530, Gigabit Ethernet, Wi-Fi 802.11ac, Bluetooth, Windows 7 Professional 64
HP EliteOne 800 G2 NT. Product type: All-in-One PC. Display diagonal: 58.4 cm (23"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Screen shape: Flat, Panel type: IPS. Processor family: Intel® Core™ i5, Processor frequency: 3.2 GHz. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD-ROM. Operating system installed: Windows 7 Professional. Product colour: Silver

Display	
Display diagonal *	58.4 cm (23")
Display resolution *	1920 x 1080 pixels
Touch screen *	✘
HD type *	Full HD
LED backlight	✔
Native aspect ratio	16:9
Display surface	Matt
Panel type	IPS
Screen shape	Flat
Display number of colors	16.78 million colours

Processor	
Processor manufacturer *	Intel
Processor generation	6th gen Intel® Core™ i5
Processor *	i5-6500
Processor family *	Intel® Core™ i5
Processor frequency *	3.2 GHz
Processor boost frequency	3.6 GHz
Processor number of cores	4
Processor threads	4
Processor cache	6 MB
Processor cache type	Smart Cache
System bus data transfer rate	8 GT/s
64-bit computing	✔
Thermal Design Power (TDP)	65 W
PCI Express slots version	3.0
Processor socket	LGA 1151 (Socket H4)
Processor lithography	14 nm
Processor operating modes	64-bit
Stepping	R0
Bus type	DMI3
Processor codename	Skylake
Processor series	Intel Core i5-6500 Desktop series

Processor special features	
Intel® Smart Response Technology	✘
Intel Turbo Boost Technology	2.0
Intel Hyper-Threading Technology	✘
Intel My WiFi Technology	✘
Intel Identity Protection Technology	✔
Intel Anti-Theft Technology	✘
Intel® Rapid Start Technology	✘
Intel Smart Connect Technology	✘
Intel® Small Business Advantage (Intel® SBA)	✔
Intel Wireless Display (WiDi) Technology	✔
Intel Matrix Storage Technology	✘
Intel HD Audio Technology	✘
Intel Active Management Technology	✘
Enhanced Intel SpeedStep Technology	✔
Intel® RealSense™ Technology	✘
Intel RealSense Snapshot	✘
Intel RealSense 3D Camera	✘
Intel® Built-in Visuals Technology	✔
Thunderbolt™ 3 Technology	✘
Intel HD Graphics	✔
Intel® Quick Sync Video Technology	✔
Intel Clear Video HD Technology	✔
Intel Clear Video Technology	✔
Intel® Insider™	✔
Intel® InTru™ 3D Technology	✔
Intel Flex Memory Access	✘
Intel® Smart Cache	✔
Intel QuickPath Interconnect	✘
Intel AES New Instructions	✔

Processor

FSB Parity	✘
Maximum number of PCI Express lanes	16
PCI Express configurations	1x16, 2x8, 1x8+2x4
Processor code	SR2BX
Tcase	71 °C
Maximum internal memory supported by processor	64 GB
Conflict-Free processor	✔
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
Memory channels supported by processor	Dual
ECC supported by processor	✘
Memory voltage supported by processor	1.35 V

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Maximum internal memory *	32 GB
Memory slots	2
Memory slots type	SO-DIMM
Memory clock speed	2133 MHz
Memory layout (slots x size)	1 x 8 GB
Memory form factor	DIMM/SO-DIMM

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Number of storage drives installed	1
Number of storage drives supported	2
Number of hard drives installed	1
Hard drive capacity	500 GB
Hard drive rotational speed	7200 RPM
Hard drive interface	SATA
Optical drive type *	DVD-ROM

Graphics

Discrete graphics card model *	Not available
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

Audio

Built-in speakers *	✔
RMS rated power	4.4 W
Speakers manufacturer	Bang & Olufsen
Built-in microphone	✔

Processor special features

Intel Trusted Execution Technology	✔
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✘
Intel® Secure Key	✔
Intel TSX-NI	✔
Intel Stable Image Platform Program (SIPP)	✔
Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel Clear Video Technology for MID	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	37.5 x 37.5 mm
Supported instruction sets	SSE4.2, AVX 2.0, SSE4.1
Scalability	1S
CPU configuration (max)	1
Embedded options available	✔
Graphics & IMC lithography	14 nm
Thermal solution specification	PCG 2015C
UART	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
True Key™	✘
Intel Smart Idle Technology	✘
Intel Instruction Replay Technology	✘
Intel Secure Boot	✘
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® Smart Sound Technology	✘
Intel TSX-NI version	1.00
Intel Advanced Vector Extensions	✘
Intel Dual Display Capable Technology	✘
Intel FDI Technology	✘
Intel I/O Acceleration Technology	✘
Intel Power Management Technology	✘
Intel QuickAssist Technology	✘
Intel Rapid Storage Technology	✘
Intel® Unite™	✘
Intel Unite installed	✘
Intel Fast Memory Access	✘
Processor ARK ID	88184

Energy Management

AC adapter power	160 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V

Weight & Dimensions

Width (with stand)	567.1 mm
Depth (with stand)	58.9 mm

Audio

Audio system	B&O PLAY

Optical Drive

Optical drive interface	SATA
Disc types supported	CD, DVD
LightScribe	✘

Network

Wi-Fi *	✔
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Ethernet LAN connection *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth *	✔
Bluetooth version	4.0

Ports & interfaces

Ethernet LAN (RJ-45) ports quantity	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
DisplayPorts quantity	1
Headphone outputs	1
Microphone in	✔
Combo headphone/mic port	✘
DC-in jack	✔
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	1

Design

Product colour *	Silver
Country of origin	China

Performance

Product type *	All-in-One PC
Motherboard chipset	Intel® Q170
Trusted Platform Module (TPM)	✔
BIOS password	✔
Hard disk drive, user password	✔
Placement supported	Vertical

Software

Operating system architecture	64-bit
Operating system installed *	Windows 7 Professional

Weight & Dimensions

Height (with stand)	392.7 mm
Weight (with stand)	7.34 kg

Operational Conditions

Operating temperature range (T-T)	5 - 35 °C
Storage temperature range (T-T)	-15 - 60 °C
Operating relative humidity range	10 - 80%
Storage relative humidity range	10 - 90%
Operating altitude	0 - 3050 m

Sustainability

Sustainability certificates	RoHS, EPEAT Silver, ENERGY STAR

Packaging Content

Mouse included	✘
Keyboard included	✔
Warranty card	✔
AC adapter bundled	✔

Other features

3D compatibility	✘
Power auto-sensing	✔
Near Field Communication (NFC)	✘
Autonomy mode	✘
Detachable display	✘
Intel segment tagging	Enterprise