

Data sheet



HP EliteDesk 800 G2 Small Form Factor Business PC

QEB2016-A

Experience top-notch productivity—plus industry-leading reliability, security, and manageability. The powerful HP EliteDesk 800 G2 SFF offers a unique portfolio of solutions in a compact, space-saving design.



HP EliteDesk 800 G2 Small Form Factor PC

Designed for every demand

- Blast through your most demanding challenges with the uncompromising performance of 6th Gen Intel® Core™ processors,¹ Intel® HD 530 Graphics, and high-end discrete graphics.

Seriously secure

- Help protect your PC and maintain maximum uptime with a suite of solutions that help stop security breaches, including HP BIOSphere.²

Make durability a reality

- Get the reassurance of a PC that goes through 120,000 hours of HP Total Test Process and is designed to pass MIL-STD testing.³

Featuring

- Modern PCs from HP make the most of Windows 10 Pro^{4,5} to help protect you from today's security threats and maximize management and productivity features.
- Simplify IT rollouts and stagger deployments with an 18-month lifecycle and global availability in more than 180 countries where HP conducts business.
- Keep everything in plain sight and be up to 35%⁶ more productive with support for up to three external HP EliteDisplays.⁵
- Support your environmental initiatives with energy-efficient PCs that are ENERGY STAR® certified and EPEAT® Gold⁷ registered.



Specifications

HP EliteDesk 800 G2 Small Form Factor Business PC

L1G76AV

Operating System⁸	Windows 7 Enterprise 64-bit (available through downgrade rights from Windows 10 Enterprise 64-bit) Preloaded 64-bit SDC 3.x with Office Suite (Default)
Processor¹	Intel® Core™ i3-6100 Processor (3.7 GHz Base), 4MB Intel® Smart Cache, 2 cores/ 4 threads)
Memory⁹	8 GB 1600 DDR4-2133 1DM, 4 slots; max capacity 64 GB
Internal Storage¹⁰	500 GB, 7200 rpm, SATA 6.0 Gb/s, 3.5" Hard Disk Drive
Graphics¹¹	Intel® HD Graphics 530; Support for Microsoft DirectX 12, OpenGL 4.4, Two DisplayPort to DVI adapters included.
Communications	10/100/1000 Broadcom NetXtreme Gigabit Ethernet Plus BCM 5762
Optical Drive¹²	HP Internal Slim SATA SuperMulti Optical Drive: DVD+/-R 8X; DVD+/-RW 8X; DVD+/-R DL 8X; CD-R 24X; CD-RW 24X; 4.7GB single layer 8.5GB dual layer
Security	Trusted Computing Group certified Trusted Platform Module (TPM) version 1.2 - Infineon SLB9635TT1.2, BIOS protection as identified in NIST SP 800-147, BIOS settings comply.
CAC Reader	External CAC Reader (SCR3310 v2.0)
Audio	High Definition Audio with Realtek ALC221 codec (all ports are stereo)
Ports and Connectors	Rear: I/O includes (6) USB 3.0 ports, serial port, PS/2 mouse and keyboard ports, RJ-45 network interface, (2) DisplayPort and (1) VGA video interfaces, (1) 3.5mm Line-In Audio Connector (blue), and (1) 3.5mm Line-Out Connector (green) Front: I/O includes (2) USB 3.0 ports, (2) USB 2.0 ports, (1) headphone connector and (1) microphone/headphone connector
Warranty	4 year next business day on-site with storage media and memory component retention
Power	200W (SFF); 280W (TWR) active PFC, dual voltage (100 - 240V 50/60 Hz) autosensing
Energy Efficiency Compliance	EPEAT® Gold registered ⁸
Keyboard and Mouse	HP USB 104-key Standard Keyboard; HP USB Optical Mouse
Dimensions	13.3 x 3.95 x 14.9 in (SFF) / 6.7 x 15.3 x 16.7 in (TWR)
Weight	16.7lb (SFF) / 20.8 lb (TWR)

Options	Part Number	Description
	L1G77AV	HP EliteDesk 800 G2 Tower Business PC
	N1H64AV#ABA	Windows 10 Enterprise 64-bit ⁴ 64-bit SDC 5.x with Office Suite
	N1H64AV#ABA	OEM Windows 10 Pro 64-bit ⁴ (Non-Network Use Only) - USAF will allow system to be restored through restore partition that resides on hard drive. In the event of a hard drive failure, the USAF will allow restore media to be provided without customer requesting it.
	N1H71AV#ABA / L1K26AV#ABA	OEM Windows 7 Professional 64-bit (available through downgrade rights from Windows 10 Pro 64-bit) ¹³ (Non-Network Use Only)

Options (continued)	Part Number	Description
	A898933/TAA	AT-2711FX/MT-901 100Mbps MMF MTRJ 2KM W/BOOT ROM 1310nm (MTRJ Connector) - Fiber PCIe NIC
	A970674/TAA	AT-2711FX/SC-901 100Mbps MMF SC 2KM W/ BOOT ROM 1310nm (SC Connector) - Fiber PCIe NIC
	A970676/TAA	AT-2711FX/ST-901 100Mbps MMF ST 2KM W/ BOOT ROM 1310nm (ST Connector) - Fiber PCIe NIC
	A898938/TAA	AT-2711FX/LC-901 100Mbps MMF SC 2KM W/ BOOT ROM 1310nm (LC Connector) - Fiber PCIe NIC
	A970673/TAA	AT-2911SX/SC-901 1000BSX NIC MM SC 850nm (SX/SC Connector) - Fiber PCIe NIC
	RY102AA / AY105AV	HP Removable Hard Drive (Frame and Carrier)
	AY103AV	HP Standard PC BIOS Settings Service (Disable Audio)



- 1 Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- 2 HP BIOSphere features may vary depending on the PC platform & configuration.
- 3 MIL-STD testing is pending and is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage or damage under the MIL STD test conditions requires an optional HP Accidental Damage Protection Care Pack.
- 4 Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.com>.
- 5 Sold separately or available as a configurable option.
- 6 "Observed Productivity, Efficiency and User Satisfaction when Using Multiple or Large Displays," Koala LLC Ergonomics Consulting, November 6, 2012.
- 7 EPEAT® Gold registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
- 8 This system is preinstalled with Windows 7 Enterprise software and also comes with a license and media for Windows 10 Enterprise software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
- 9 Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
- 10 For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and up to 36 GB (for Windows 8.1 and 10) of system disk is reserved for system recovery software.
- 11 HD content required to view HD images.
- 12 Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media.
- 13 This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

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