PRODUCT DATASHEET

HP EliteDesk 800 G2 Desktop Mini Business PC

Ultra-Compact Enterprise Desktop • Intel® Core™ i5 Configuration

Overview: The HP EliteDesk 800 G2 Desktop Mini is an ultra-compact, enterprise-grade mini PC engineered to deliver reliable business performance and robust security in a chassis measuring just 3.4 cm in height. Powered by a 6th Generation Intel® Core™ i5 quad-core processor with fast NVMe SSD storage and flexible VESA mounting options, it fits seamlessly onto or beneath any desk or behind a monitor.

1. Identification & System

Product Name	HP EliteDesk 800 G2 Desktop Mini Business PC
Common SKUs / EANs	P1G34EA#ABH / EAN 0889894587657 (8 GB / 128 GB) • X3J83EA / EAN 0190780113660 (8 GB / 256 GB)
Form Factor & Color	Desktop Mini (DM) • Black / Silver
Operating System	Windows 10 Pro (64-bit)

2. Processor & Chipset

Standard Processor (35W)	Intel® Core™ i5-6500T (6th Gen Skylake, 4 cores / 4 threads, 2.5 GHz up to 3.1 GHz Turbo, 6 MB cache, 35 W TDP)
Alternative i5 Options	Intel® Core™ i5-6600T (35 W, 2.7–3.5 GHz) or 65W models: i5-6500 (3.2–3.6 GHz) / i5-6600 (3.3–3.9 GHz)
Chipset & Management	Intel® Q170 chipset with Intel® vPro™ technology support

3. Memory & Storage

Installed Memory (RAM)	4 GB or 8 GB DDR4-2133 SDRAM (non-ECC, dual-channel capable)
Memory Slots & Max	2x 260-pin SODIMM slots, expandable up to 32 GB (2x 16 GB)
Primary Storage	128 GB or 256 GB M.2 PCIe® NVMe™ SSD (HP Turbo Drive G2, M.2 2280)
Expansion Bays & Slots	1x free 2.5-inch internal drive bay (SATA 6 Gb/s for SSD or HDD) • 1x M.2 2230 slot (for WLAN/Bluetooth)

4. Graphics & Audio

Integrated Graphics	Intel® HD Graphics 530
Display Support	Up to 2 independent displays via standard DisplayPort & VGA (up to 3 via optional video port)
Audio & Speaker	Realtek ALC221 HD Audio codec (DTS Studio Sound™) with integrated internal mono speaker

5. Ports & Connectivity

Front Ports	• 1x USB 3.0 Type-C™ • 2x USB 3.0 Type-A (including 1x fast-charging port) • 1x Headphone output (3.5 mm) • 1x Microphone / headset jack (3.5 mm)
Rear Ports	• 4x USB 3.0 Type-A • 1x DisplayPort™ • 1x VGA • 1x RJ-45 Gigabit Ethernet • 1x Optional expansion port (DisplayPort, HDMI, or serial) • 1x DC power-in
Wired & Wireless Network	Intel® I219M Gigabit Ethernet (10/100/1000 Mbps); optional Wi-Fi via M.2 2230 (Intel® Dual Band Wireless-AC 8260 + Bluetooth® 4.2)

6. Security, Power & Physical Specifications

Security & Manageability	TPM 1.2 / 2.0, hood sensor, Kensington® lock slot, padlock loop, HP BIOSphere with Sure Start, HP Client Security Suite
Power Supply	External 65 W AC power adapter (89% efficiency; 90 W adapter on 65W-CPU models)
Dimensions (W × D × H)	17.5 × 17.7 × 3.4 cm (6.9 × 7.0 × 1.3 in)
Weight	Approx. 1.3 kg (2.9 lbs)
Mounting & Certifications	VESA 100 × 100 mm compatible (via optional HP mounting bracket) • ENERGY STAR®, EPEAT® Gold, MIL-STD 810G