PRODUCT DATASHEET

# HP EliteDesk 800 G5 Small Form Factor (SFF)

Enterprise-Grade Business Desktop PC • Intel® Core™ i5 Configuration

**Overview:** The HP EliteDesk 800 G5 Small Form Factor (SFF) is a high-performance, expandable business desktop PC designed for demanding office environments and multitasking. Powered by a 9th Generation Intel® Core™ i5 6-core processor, fast M.2 PCIe NVMe SSD storage, and official Windows 11 Pro support, it delivers enterprise-class security and extensive expansion capabilities in a space-saving chassis.

## 1. IDENTIFICATION & SYSTEM

| | |
|---|---|
| **Product Name** | HP EliteDesk 800 G5 Small Form Factor (SFF) Business PC |
| **Primary SKU / EAN** | 7ZX19EA / 7ZX19EA#UUG — EAN: 0194441335873 (i5-9500, 8 GB RAM, 512 GB SSD) |
| **Form Factor & Color** | Small Form Factor (SFF) — Black / Silver |
| **Operating System** | Windows 10 Pro or Windows 11 Pro (64-bit, officially supported) |

## 2. PROCESSOR & CHIPSET

| | |
|---|---|
| **Processor (Standard)** | Intel® Core™ i5-9500 (9th Gen Coffee Lake Refresh, 6 cores / 6 threads, 3.0 GHz up to 4.4 GHz Turbo, 9 MB SmartCache, 65 W TDP) |
| **Alternative i5 Options** | Intel® Core™ i5-9600 (3.1 – 4.6 GHz) or 8th Gen Intel® Core™ i5-8500 (3.0 – 4.1 GHz) |
| **Chipset & Management** | Intel® Q370 PCH-H with Intel® vPro™ technology support |

## 3. MEMORY, STORAGE & EXPANSION

| | |
|---|---|
| **Installed Memory (RAM)** | 8 GB or 16 GB DDR4-2666 SDRAM (non-ECC, dual-channel capable) |
| **Memory Slots & Max** | 4x 288-pin DIMM slots, expandable up to 128 GB (4x 32 GB) |
| **Primary Storage** | 256 GB or 512 GB M.2 PCIe® NVMe™ SSD |
| **Internal Drive Bays** | 2x 3.5-inch bays + 1x 2.5-inch bay (3x SATA 6 Gb/s) + 1x 9.5 mm slim optical bay |
| **Expansion Slots** | 1x PCIe 3.0 x16, 1x PCIe 3.0 x16 (wired x4), 2x PCIe 3.0 x1 (all low-profile), 2x M.2 2230/2280 (storage), 1x M.2 2230 (WLAN) |

## 4. GRAPHICS & AUDIO

| | |
|---|---|
| **Graphics** | Integrated Intel® UHD Graphics 630 (supports optional low-profile discrete PCIe GPU) |
| **Audio & Speaker** | Conexant CX20632 HD Audio codec with integrated 2.0 W mono speaker |

## 5. PORTS & CONNECTIVITY

| | |
|---|---|
| **Front Ports** | 1x USB 3.1 Gen 2 Type-C™ (10 Gbps, charging), 2x USB 3.1 Gen 2 Type-A (10 Gbps), 2x USB 2.0 Type-A (1x fast-charging), 1x headphone jack, 1x universal headset jack (CTIA) |
| **Rear Ports** | 2x USB 3.1 Gen 1 Type-A (5 Gbps), 2x USB 3.1 Gen 2 Type-A (10 Gbps), 2x USB 2.0 Type-A, 2x DisplayPort™ 1.2, 1x RJ-45 LAN, 1x audio-in, 1x audio-out, 1x optional Flex I/O port (VGA/HDMI/DP/USB-C/Serial), 1x AC power-in |
| **Wired & Wireless** | Intel® I219LM Gigabit Ethernet (10/100/1000 Mbps); Wi-Fi (802.11ac / Wi-Fi 6 + Bluetooth®) optional via M.2 2230 slot |

## 6. SECURITY, POWER & PHYSICAL SPECIFICATIONS

| | |
|---|---|
| **Security** | TPM 2.0, hood sensor, padlock loop, Kensington® lock slot, HP Sure Start Gen5, HP Sure Click, HP BIOSphere Gen5 |
| **Power Supply** | Internal 250 W power supply (up to 92% efficiency, Active PFC, 100–240V AC, 50/60 Hz) |
| **Dimensions & Weight** | 10.0 × 33.8 × 30.8 cm (3.94 × 13.3 × 12.13 in) • Approx. 6.13 kg (13.51 lbs) |
| **Certifications** | ENERGY STAR® certified, EPEAT® registered, tested to MIL-STD 810G standards |

Specifications may vary slightly depending on exact regional SKU and hardware configuration.