HP ZBook Power G10 A

Operating System
- Windows 11 Pro

PROCESSOR
- Processor Family: AMD Ryzen™ 7 PRO Processor
- Processor: AMD Ryzen™ 7 PRO 7840HS (up to 5.1 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)

MEMORY
- Standard Memory: 32 GB DDR5-5600 MHz RAM (2 x 16 GB)
- Note about Standard Memory: Transfer rate: up to 5600 MT/s.
- Memory Layout (Slots & Size): 2 x 16 GB
- Memory Slots: 2 SODIMM, supports dual channel
- Note about Memory Slots: [8,10,32]

DEVICES
- Internal Storage: 1 TB PCIe® NVMe™ TLC SSD

DISPLAY SPECIFICATIONS
- Display: 15.6 inches (39.6 cm) anti-glare FHD IPS display, 400 nits, 100% sRGB, (1920 x 1080)

GRAPHICS SUBSYSTEM
- Integrated Graphics: AMD Radeon™ Graphics
- Discrete Graphics: NVIDIA RTX™ 2000 Ada Generation graphics for laptops (8 GB GDDR6 dedicated)

CONNECTIONS AND COMMUNICATION
- I/O Port Location: Left side
  - Ports: 1 SmartCard reader
- I/O Port Location: Right side
  - Ports: 1 Thunderbolt™ 4 with USB Type-C® 40 Gbps data transfer (USB Power Delivery, DisplayPort™ 1.4), 2 USB Type-A 5 Gbps data transfer (1 charging), 1 headphone/microphone combo, 1 power connector
- Wireless: MediaTek Wi-Fi 6E RZ616 (2x2) and Bluetooth® 5.3 with wireless card
- External I/O Ports, Footnote Number: [6]

MULTIMEDIA AND INPUT DEVICES
- Camera: 5 MP IR camera
- Audio Features: HP Audio with dual stereo speakers, dual array microphones, function keys to increase and decrease volume, combined microphone/headphone jack, and HD audio

- Keyboard: HP Premium Keyboard – spill-resistant, full-size, and backlit keyboard with numeric keypad
- Pointing Device: Touchpad with support for multi-touch gestures and taps enabled as standard

WEIGHT
- Weight: From 2 kg

DIMENSIONS
- Dimensions (W x D x H): 35.94 x 23.39 x 2.29 cm
- Package Dimensions (W x D x H): 552 x 69 x 345 mm

BATTERY AND POWER
- Power Supply: 150 W external AC power adapter[20]
- Battery Type: 6-cell HP Long Life Battery, 83 Wh Li-ion polymer

SOFTWARE AND APPLICATIONS
- Included Software: Bing search for IE11, HP Hotkey Support, HP Performance Advisor, HP Recovery Manager, HP Remote Graphics Software, HP Support Assistant, HP JumpStart, Built-in support for Miracast, HP Connection Optimizer, HP Cloud Recovery, HP Admin, HP Privacy Settings, HP PC Hardware Diagnostics, HP Services Scan, Microsoft 365 and Office (sold separately and internet access required for activation), HP Presence.

SECURITY MANAGEMENT
- Fingerprint Reader: Fingerprint sensor
- Security Management: Absolute Persistence module, HP Device Access Manager, HP Authentication at startup, HP Security Manager, Integrated smart card reader, Master Boot Record Security, Pre-boot authentication, HP Sure Click, Windows Defender, HP Secure Erase, HP Manageability Integration Kit, HP Sure Sense, HP Secure Platform, HP Sure Recover Gen3, HP BIOSphere Gen6, HP Client Security Suite Gen6, HP Sure Start Gen6, HP Tamper Lock, Nano security lock slot, HP Client Security Manager Gen7, Trusted Platform Module TPM 2.0, Windows Secured Core.