

Overview

HP Docking Solution for the HP Z VR Backpack G1 Workstation

Models

HP Z VR Backpack G1 Dock

2LM71AA

Compatibility

Docking Station	Mobile Workstation
HP Z VR Backpack G1 Dock	HP Z VR Backpack G1 Workstation

NOTE 1: The HP Z VR Backpack G1 Dock accessory kit includes the HP 330W Smart A/C Adapter

Overview

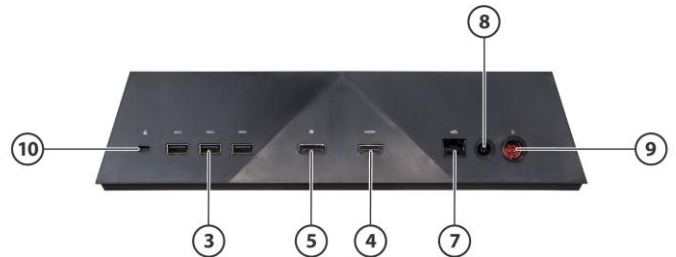
HP Z VR Backpack G1 Dock – Top View



HP Z VR Backpack G1 Dock – Front side



HP Z VR Backpack G1 Dock – Back side



1. Eject button
2. HP Z VR Backpack PC docking slot
3. USB 3.0 Type ports (5 total, 0 powered)
4. HDMI 2.0 port
5. DisplayPort™ 1.3 port
6. USB Type-C™ 3.1 port

7. RJ45 Ethernet 10/100/1000 jack
8. DC Out
9. DC In from 330W A/C Adapter
10. Security lock slot
11. Dock Connector for PC
12. Power Indicator LED

Technical Specifications

HP Z VR Backpack G1 Dock

2LM71AA

Top Components

HP Z VR PC dock slot	Latching docking slot for the HP Z VR Backpack G1 Workstation
Eject button	Allows you to disconnect the Workstation from the docking station
Computer power light	White Light on: docked computer is turned on White Light blinking: docked computer is in standby mode Yellow Light on: charging

Front Components

USB 3.0 ports	(2) USB 3.0 ports allows you to connect to standard USB devices
USB Type-C 3.1 port	(1) One high speed USB 3.1 port provides connectivity to new high speed peripherals

Rear Components

AC power adapter port	Energy-efficient 330W Smart AC adapter features integrated surge protection to help against power fluctuations
USB 3.0 ports	(3) One USB 3.0 port allows you to connect to standard USB devices
Video Connectors	(1) One DisplayPort™ 1.3 port, (1) HDMI 2.0 port, both video ports are active
Power Connectors	(1) One DC-In connector for 330W Smart AC Adapter, (1) DC-Out connector for battery charger.
Integrated cable lock slot	(1) One integrated cable lock slot supports HP Cable Locks and HP Dual Head Cable Locks.
Network connectors	(1) Ethernet port, RJ45; Realtek Gigabit Ethernet 10/100/1000

NOTE 1: To turn on or off the power for the HP Z VR Backpack G1 Workstation, use the power button located in the PC unit itself. There is no power button on the docking station.

NOTE 2: The DC out port can connect to the HP Z VR Backpack Battery Charger with the use of the appropriate power cable.

NOTE 3: The USB ports located on the HP Z VR Backpack G1 Workstation can also be used in addition to the available USB ports located on the docking station.

NOTE 4: The mini-DisplayPort™ and the HDMI port located on the HP Z VR Backpack G1 Workstation can also be used in addition to the available DisplayPort™ and HDMI port located on the docking station.

NOTE 5: HP Cable Locks sold separately.

Technical Specifications

HP Z VR Backpack G1 Dock

Dimensions (H x W x D)	333.5x236.4x60.9 mm
Weight	2588g
Stand-alone power requirements	
Normal Operating Voltage	19.5V
Average Operating Power	AVG 220W and peak power 373W within 1ms (spec is 480W within 400ms)
Max Operating Power	330W
Temperature	
Operating	32° to 95° F (0° to 35° C)
Non-operating	4° to 140° F (-20° to 60° C)
Relative humidity	
Operating	0% to 95%, non-condensing
Non-operating	0% to 95%, 101.6° F (38.7° C) maximum wet bulb temperature
Altitude	
Operating	-50 to 10,000 ft (-15.24 to 3,048 m)
Non-operating	-50 to 40,000 ft (-15.24 to 12,192 m)
Shock	
Operating	40G, 2 ms, half-sine
Non-operating	240 G, 2 ms, half-sine
Random vibration	
Operating	Nominal 1.043 grms
Non-operating	Nominal 3.5 grms
Option Kit Contents	HP Z VR Backpack G1 Dock, AC power cable, 330W A/C power adapter, documentation

Technical Specifications

POWER

HP 330W Smart AC Adapter (for VR PC)

Dimensions	5.9 x 5.9 x 1.48 in (150 x 150 x 37.5 mm)
Weight	2.43lb / 1.1kg nominal
Input	100 to 240 VAC
	Input Efficiency 92.6% average at 115Vac and 93.2% average at 230Vac
	Input frequency range 47 to 63 Hz
	Input AC current 4.2A RMS at 90 VAC, maximum
Output	Output power 330W nominal
	DC output 19.5 VDC nominal
	Hold-up time 10 msec at 115 VAC input with maximum load
	Output current limit 34A (5ms)
	Over voltage protection Shall not exceed 29 Volts for no longer than 250ms, auto shutdown
Connector	3 pin/grounded, mates with interchangeable cords
Environmental Design	Operating temperature 32° to 95° F (0° to 35° C)
	Non-operating (storage) temperature -4° to 185° F (-20° to 85° C)
	Altitude Up to 16400 ft (5000 m)
	Humidity up to 95%, non-condensing
	Storage Humidity up to 95%, non-condensing
EMI and Safety Certifications	CE Mark- full compliance with LVD and EMC directives; Worldwide safety standards- IEC950, EN60950, UL1950, Class 1, SELV; Agency approvals- C-UL-US, NORDICS, DENAN, EN55032 Class B, FCC Class B, CISPR22 Class B, CCIB, NOM-1 NYCE; MTBF- over 200,000 hours at 25°C ambient condition.

Technical Specifications

Service and Support

The HP Z VR Backpack G1 Dock for the HP Z VR Backpack G1 Workstation is supported by a one-year limited warranty. Additional support is available 24 hours a day, seven days a week by phone as well as online support forums.

<http://h20565.www2.hp.com/portal/site/hpsc/public/psi/home/>

NOTE: Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details.

Summary of Changes

Date of change	Version History		Description of change
September 12, 2017	From v1 to v2	Changed	Dock dimensions correction and other minor updates.

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