CLEARCUBE

Small Raspberry Pi® 3 B+ Based Thin Client Offers High-Performance, Low-Cost Computing in VDI and Traditional Environments

High Performance in a Practical Product

Raspberry Pi® 3 B+

KEY FEATURES

Processor
Quad-core A53 (ARMv8) 64-bit CPU (1.4 GHz)

Memory Capacity/Type
1 GB LPDDR2 SDRAM (onboard)

Operating System
ClearCube Cloud Desktop OS

Display
Single: 1920 × 1200*
Dual: via USB adapter

Storage
8 GB high-speed microSDHC™ card

Networking
LAN: Gigabit Ethernet over USB 2.0 × 1
WLAN: 2.4 GHz and 5.0 802.11 b/g/n/ac Wi-Fi (onboard) × 1
Bluetooth 4.2, BLE (onboard)

I/O Physical
HDMI 1.3 × 1
USB 2.0 × 4
3.5 mm four-pole stereo output and composite video jack × 1

SPECS

Temperature
Operation: 32 to 95°F (0 to 35°C)
Storage: -4 to 140 °F (-20 to 60 °C)

Relative Humidity
20% to 80% non-condensing

Power
DC 5V/2.4 Amp external power adapter
Optional Power over Ethernet (PoE) with new ClearCube case only

Gross Weight
86 g

Dimensions
3.60 (W) × 1.00 (H) × 2.75 (D) inches

Regulatory Compliance
CE/FCC

Part Number	Part Description
G0900429	C3Pi+

Part Number	Part Description
G0970065	Cloud Desktop OS Single Sign On Add On

Part Number	Part Description
G0100228	PoE Hat

GENERATION THIN CLIENT FOR FASTER PERFORMANCE AND FASTER NETWORKS

The ClearCube C3Pi+ Thin Client is powered by the Raspberry Pi®3 computer, a high-performance device in a package about the size of your computer mouse. This small, low-cost endpoint device is the remote computing solution for organizations needing high-performance configurations in VMware Horizon and other VDI deployments.

Notes: *Max resolution may vary, depending on operating system.

Ideal For:

Training and Education, Digital Signage, Retail, Kiosk

Benefits

- **Small: about the size of a traditional computer mouse or deck of cards**
- **Quad Core 1.4 GHz Broadcom BCM2837B0 64-bit CPU**
- **Features CloudDesktop OS**
- **Supports VMware® Horizon with Blast Extreme, CITRIX® HDX, Microsoft® RDP, and more**
- **Support for 5 GHz and 2.4 GHz WLAN, Bluetooth 4.2 (BLE)**
- **Browser-based Desktop Management with real-time monitoring, asset management, and job scheduling**
- **Full-size HDMI connector**

LOW COST REMOTE ACCESS

The C3Pi+ Thin Client excels anywhere a low cost, powerful remote access client is needed — enterprise desktops, state and local government, hospitals, kiosk applications, and more. Support for Imprivata® OneSign® lets users swipe a badge or use a fingerprint to access applications, and gives administrators enhanced security features such as Secure Walk-Away®.

The next-generation C3Pi+ brings improved performance, faster response, and faster network speeds. The C3Pi+ Thin Client is powered by a quad-core, 1.4 GHz Broadcom BCM2837B0 64-bit CPU. Its exceptional graphics and multimedia capabilities give users a desktop experience that outperforms others in many graphics-intensive applications.

Using VMware Blast Extreme, the thin client lowers CPU consumption by offloading video decompression from its CPU to its native hardware using H.264 decoding. C3Pi+ features include a full-size HDMI® 1.3 port and Broadcom VideoCore IV GPU for graphics and full-motion HD video playback (1920 × 1080) on one display. Onboard memory is 1 GB LPDDR2 SDRAM, and 8 GB high-speed microSDHC™ card storage. Network features include one Gigabit Ethernet port (RJ45), onboard WLAN (2.4 GHz and 5 GHz 802.11 b/g/n/ac), and Bluetooth 4.2 (BLE). Additional connectors include four USB 2.0 ports and one 3.5 mm audio/video jack.

CLOUD DESKTOP OS AND CLOUD DESKTOP MANAGEMENT

ClearCube Cloud Desktop OS is a secure, minimal-footprint operating system option forClearCube thin clients. Deployment options include installing Cloud Desktop OS locally, or network booting for zero-client-like security. Cloud Desktop OS comes with support for VMware Horizon, CITRIX HDX, Microsoft RDP, and a wide range of terminal services and virtual desktops. ClearCube Cloud Desktop Management is a browser-based administration center for the entire Cloud Desktop line of thin clients with Cloud Desktop OS. Cloud Desktop Management helps IT manage, configure, and update thin clients from one place.

Ordering Information Call: (866) 652-3500

Email: sales@clearcube.com to order or for more information

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