CLEARCUBE

Excels wherever remote access is required.

Flexible, Powerful Computing in a Virtualized Environment

C4Pi Raspberry Pi

IDEAL FOR:

- Health Clinics
- Dental Offices
- Training & Education
- State & Local Government
- Kiosk Applications

KEY FEATURES

Processor
Quad-core ARM Cortex- Broadcom BCM2711 64-bit CPU (1.5GHz)

Memory Capacity/Type
2GB, 4GB or 8GB LPDDR4 RAM

Operating System
ClearCube Cloud Desktop OS

I/O Physical
Micro HDMI × 2 (up to 4kp60 supported)
USB 3.0 × 2
USB 2.0 x 2

Storage
MicroSD 32GB

Display
Dual: 4K

Audio
3.5mm stereo audio and composite video

Networking
Gigabit Ethernet
Bluetooth 5.0 (onboard)

TECHNICAL SPECS

Temperature
Operating: 0 to 50°C
Storage: -4 to 140 °F (-20 to 60 °C)

Operating Relative Humidity
20% to 80% non-condensing

Power Supply
15W USB-C (DC 5V, 3A) external power, optional Power over Ethernet capability (PoE)

Gross Weight
.2 lbs (86 g)

Dimensions
1.25" (H) x 2.31" (L) x 3.75" (W)

Regulatory Compliance
CE/FCC

Add-Ons
Cloud Desktop OS Single Sign On Add On - G0970065
PoE Hat - G0100228

Part Number	Part Description
G0900455	C4Pi 4GB Raspberry Pi Thin Client
G0900454	C4Pi 2GB Raspberry Pi Thin Client

BENEFITS

About the Size of a Computer Mouse

Quad Core Cortex-A72 Broadcom BCM2711 64bit CPU

Features CloudDesktop OS

Supports VMware® Horizon with Blast Extreme, CITRIX® HDX, Microsoft® RDP

Support for Bluetooth 5.0, Low Energy (BLE)

Browser-based desktop management w/real-time monitoring, asset management, and job scheduling

Rear View

⟫⟫⟫ MORE EFFICIENT

The C4Pi Thin Client excels wherever a robust remote access client is required — enterprise desktops, state and local government, hospitals, financial services, retail, kiosk applications, and more. It supports extra RAM to run Windows or other demanding software in a compact machine. Enterprises receive significantly enhanced CPU, GPU, and I/O performance in a similar form factor and footprint as its predecessors.

IMPRESSIVE PERFORMANCE IN A TINY MACHINE

The ClearCube C4Pi Raspberry Pi Thin Client is a high performance device in a package about the size of a computer mouse. This device is the remote computing solution for organizations needing resilient, dual-display, desktop computer configurations in high end emulation, smart home hub, networked AI core, and media center initiatives.

FASTER RESPONSE AND FASTER NETWORK SPEEDS

The C4Pi is powered by a quad-core, 1.5GHz Broadcom BCM2711B0 64-bit CPU for a notable performance improvement over previous generation models. Dynamic graphics and multimedia efficiencies facilitate a user desktop experience in many graphics-intensive applications, while packing in sufficient power to compete with entry-level x86 PCs. The Thin Client reduces CPU consumption by offloading video decompression from its CPU to its native hardware using H.264 decoding.

DESIGNED TO TOLERATE ROUGH USE

C4Pi features include two micro HDMI ports, Broadcom VideoCore IV GPU for graphics, and up to 4GB of LPDDR4 RAM that can output 4k video at 60 FPS. True Gigabit Ethernet and 2.4GHz/5GHz wireless LAN provide full-speed network connectivity with no bottlenecks. A pair of USB 3.0 in addition to the usual USB 2.0 offers massive bandwidth boost and high-speed connectivity to external storage and accelerators. Bluetooth 5.0 (BLE) provides the flexibility of making the C4Pi Thin Client IoT solution even better. The functionality offers improved speed, distance, and throughput with power saving capabilities and blazing-fast data transfer speeds to accelerate workloads. PoE-enabled capability simplifies networking cabling and eliminates the need to run high voltage power to the C4Pi endpoint device, enabling centralized energy management for time and mission-critical scenarios.

Ordering Information CALL: (866) 652-3500

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

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