

Thin Client

Model C4Pi

Next-Generation Pi® 4 Thin Client Offers Flexible, Powerful Computing in Virtualized and Traditional Environments



Next-Generation Raspberry Pi Based Thin Client for Impressive Performance in a Tiny Machine

The ClearCube C4Pi 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 a low-cost, resilient, dual-display desktop computer configuration. The C4Pi excels wherever a robust remote access client is required—enterprise desktops, manufacturing floors, financial & insurance services, call centers, retail, kiosk applications, state and local government, hospitals, and more. It supports extra RAM to run Windows or other demanding software in a compact machine. C4Pi Thin Clients pack sufficient power to compete with entry-level x86 PCs, and gives users significantly enhanced CPU, dual monitor support, and I/O performance in a similar form factor and footprint as its predecessors.

Benefits



Supports VMware® Horizon with Blast Extreme, Citrix® HDX, Microsoft® RDP, and more



Quad Core Cortex-A72
Broadcom BCM2711
64-bit CPU



Dual-Monitor Support
Support for 5 GHz and
2.4 GHz WLAN, Bluetooth
4.2 (BLE)



Features Cloud Desktop
OS and Management
Console.



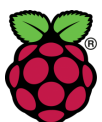
-About the size of a
computer mouse
-Includes VESA/under
the desk mount

Feature Rich Low-Cost Dual Monitor Thin Client

The C4Pi is powered by a Broadcom BCM2711, quad core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz CPU for a notable performance improvement over previous generation models and reduces CPU consumption by offloading video decompression from its CPU to its native hardware using H.264 and H.265 decoding. Additional features include up to 4GB of LPDDR4-3200 SDRAM, two micro HDMI® ports that can output 4k video at 60 FPS, two USB 3.0 in addition to the usual USB 2.0 offers massive bandwidth boost and high-speed connectivity to external storage and accelerators, one Gigabit Ethernet port and 2.4 GHz and 5.0 GHz IEEE 802.11ac wireless and Bluetooth 5.0 (BLE) to provide full-speed network connectivity with no bottlenecks, improved speed, distance, throughput with power saving capabilities and blazing-fast data transfer speeds to accelerate workloads.

Optional PoE support simplifies networking cabling, eliminates the need to run high voltage power to the C4Pi endpoint device, and offers advanced management capabilities that enables IT Administrators to access, control, and implement adds, moves, and changes from a centralized location.

Enclosed in a ClearCube exclusive metal case, the C4Pi offers maximum ventilation and heat dissipation capabilities. Featuring a heavy-duty fan and attached heat sinks to the top of the SoC supplies the necessary airflow for simple, passive cooling to reduce the risk of hardware failure from overheating, allowing administrators to extract even further performance from the Thin Client.



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Cloud Desktop OS and Cloud Desktop Management

ClearCube Cloud Desktop OS is a secure, minimal-footprint operating system option for ClearCube 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. This efficient Linux® -based operating system enables Administrators to centrally-manage secure and virus-proof thin clients that can connect to hosted desktops, cloud-hosted desktops, or centrally-hosted applications out of the box.

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. Features such as Real -Time Monitoring & Tactical Overview, Job Scheduling, Asset Management, and Peripheral Inventory take the burden out of managing devices on your network. Administrators can run Cloud Desktop Management from a Linux® -based appliance or install it on 32- and 64-bit Windows operating systems.



Specifications

Processor

Broadcom BCM2711, quad core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz

Storage

16GB high-speed microSDHC™ card

I/O Physical

Micro HDMI × 2
 USB 3.0 × 2
 USB 2.0 × 2
 3.5 mm 4-pole stereo output and composite video jack × 1
 5V DC via USB-C connector (minimum 3A*)

Operating System

ClearCube Cloud Desktop OS

Temperature

Operating: 32 to 122°F (0 to 50°C)

Power Supply

Input: DC 5V/2.5Amp external power adapter
 PoE: Optional Power over Ethernet (PoE)

Dimensions

4.2 (W) × 1.4 (H) × 2.8 (D) inches

Mounting Options

VESA mount (included)

Memory Capacity/Type

2GB or 4GB of LPDDR4-3200 SDRAM

Display/Resolution*

Dual: 4K

Network

LAN: RJ45 Ethernet port × 1
 WLAN: 2.4GHz and 5GHz IEEE 802.11.b/g/n/ac
 Bluetooth 4.2, BLE (onboard)

Regulatory Compliance

CE/FCC

Humidity

Relative: 20% to 80% non-condensing

Gross Weight

223gr

Physical Characteristics

Metal enclosure

Security

Kensington Slot for use with Kensington locks

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

Description	Part Number
C4Pi Thin Client wit 2GB SDRAM	G0900454
C4Pi Thin Client wit 4GB SDRAM	G0900455
Cloud Desktop OS Imprivata Single Sign On Add On	G0970065
PoE Hat	G0100228

Industries



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