ClientCube NET-4

Line of sight separation from the datacenter to the desk! NSA/NIAP certified KVM in Zero Client enclosure

The First All-In-One Multiple Security Level PCoIP Solution

Following in the tradition of purpose-built solutions for Federal and DoD customers, ClearCube's ClientCube NET-4 is the first endpoint that consolidates multiple networks (tactical, secret, confidential, unclassified) into one device at the desktop, while maintaining physical network separation to centralized computing resources in the datacenter. VMware Horizon View and PCoIP Blade PC workstations can now be isolated and secured in the datacenter without compromising the user experience or network security at the desktop. This sleek all-in-one unit integrates ClearCube's secure stateless zero client devices with Belkin's NIAP-approved secure KVM (keyboard-video-mouse) switch to create a multi-network workstation like no other.

Integrated Secure KVM

The integrated Secure KVM features true data path isolation for superior security and data protection for government agencies. One of the most utilized preventive measures for thwarting attacks, KVM switching devices can be used to securely connect peripheral devices, including audio equipment and large high-resolution displays, and to switch quickly among multiple computers and networks with a single keyboard, monitor, mouse, and smart card reader. It is fully compatible with legacy and new government systems and is listed and approved to the latest KVM testing standard (NIAP Protection Profile PSS Ver. 3.0, which exceeds EAL4 and PP PSS Ver. 2.1[1]). The KVM switch is specially designed to prevent peripherals from leaking information and to remain tamper-free upon delivery. ClientCube NET-4 helps agencies save time, money, and resources by future-proofing their workstation security investments.

Benefits

Delivers full quality computing experience via a LAN connection to VMware Horizon View desktop or PCoIP Blade PC workstation	Optimized for multiple-security domain environments; this solution saves space, power, and is fully integrated	Extend tightly controlled security profiles from the datacenter to remote desktops	Switch tested and approved to Com-mon Criteria Validated and complies with latest NIAP Protection Profile PSS Ver. 3.01	ClientCube provides line of sight isolation from datacenter to the desktop	Increases security of physical and data assets

Minimized Space Consumption

Desktop real estate is at a premium, and ClientCube NET-4 optimizes every inch of consump-tion. Low profile zero clients (fiber, copper or both) are tightly coupled with the Secure KVM switch to eliminate excess cable lengths, wasted power connections, and sloppiness that looks unprofessional.

Market Leading Innovations

The Secure KVM included with ClientCube NET-4 features unidirectional data flow that prevents upstream USB intrusion; high-retention force USB connectors to eliminate unexpected cable dis-connections; illuminated and color-coded port indicators; and common access card (CAC) port locking that maintains user login to selected host networks.

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Multiple Security Domains
ClientCube NET-4

ClientCube NET-4 Rear View

Configuration Flexibility

ClientCube NET-4 is factory integrated at ClearCube's secured facility. Options include from 2, 3 or 4 ClearCube zero client devices (including ClearCube's full range of zero client products featuring fiber, copper, CAC, and other innovations) that are KVM switched including audio, to 1 or 2 high resolution displays, allowing multiple classified and unclassified routes to terminate at a single set of peripherals at the warfighter operator's desk. For the security officers, ClientCube NET-4 provides line of sight isolation from the datacenter to the desktop.

Sample Configurations

All Highly Classified	SIPR/NIPR	NIPR/Unclassed
4 fiber zero clients switching 2 displays, keyboard, mouse, sound	1 fiber + 1 copper zero client switching 2 displays, keyboard, mouse, sound	2 copper zero clients switching 1 display, keyboard, mouse, sound

ClientCube NET-4 Hardware Specifications

Dimensions	Four Clients: 6 inches (w) x 14 inches (h) x 10 inches (d)
Operating System	None
Video	Supports up to 2 monitors at 32 bit color depth and up to 2560 x 1600 @ 75 Hz per zero client device.
Power Supply	Universal 100-240 VAC, 50-60Hz, Output: 12 V DC, 60 W
Shipping Weight	Fully configured, 25 lbs
Environment	Stationary office, home office installation, 0° to 35° C

Ordering Information

Call 866-652-3500 Email sales@clearcube.com to order or for more information

Part Number	Description
GCCUBE200	Model ClientCube NET-4
G0900297	ClientCube NET-4 Enclosure
G0900181	KVM 2 port, 2 channel, 1 display w/CAC
G0900182	KVM 4 port, 4 channel, 1 display
G0900183	KVM 4 port, 4 channel, 1 display w/CAC
G0900184	KVM 4 port, 4 channel, 2 display
G0900185	KVM 4 port, 4 channel, 2 display w/CAC
G0900318	KVM 4 port, 4 channel, 2 display w/DCU ready

[1] Common Criteria Validated and complies with latest NIAP Protection Profile PSS Ver. 3.0, which exceeds EAL4 and PP PSS Ver. 2.1.

ClientCube supports multiple classifications on one desktop device for multiple, independent levels of security to the desktop

ClientCube Configuration provides Total Situational Awareness

Dual monitor Zero Clients have one DVI output connected to the KVM and the other to a persistent monitor. The Blade PC or VDI VM connected to the Zero Client are configured to clone the primary display to the secondary output.

- Video from all networks is always visible
- One network is active at a time
- Physical separation intact

ClientCube NET-4

Contains up to 4 Zero Clients and a Secure KVM Switch