



CLEARCUBE

ClientCube NET-4Q

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

The First All-In-One Multiple Security Level, Quad DisplayPort® PCoIP® Solution

Following in the tradition of purpose-built solutions for Federal and DoD customers, ClearCube® ClientCubes are the first endpoints 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 CD1042/44 quad DisplayPort zero client devices with a Belkin® NIAP-approved secure KVM (keyboard-video-mouse) switch to create a multi-network workstation like no other.



Integrated Secure KVM

The integrated Secure DisplayPort 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 switches securely connect peripheral devices (including audio equipment and large, high-resolution displays) to multiple computers and networks. With the ClientCube NET-4Q, users can switch quickly between multiple computers and networks with a single keyboard, monitor, mouse, and smart card reader. The ClientCube NET-4Q 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. 2.1¹). The KVM switch is specially designed to prevent peripherals from leaking information and remain tamper-free upon delivery. ClientCube NET-4Q helps agencies save time, money, and resources by future-proofing their workstation security investments.



High Performance, Optimal Quality

ClientCube NET-4Q is compatible with CD1042 and CD1044 Zero Clients, which deliver simultaneous full screen, full motion video at high resolution up to four DisplayPort monitors. Users can configure the resolution and orientation of each monitor (portrait or landscape) differently. CD1042/44 zero client resolution options include two monitors at 2560 x 1600 or four monitors at 1920 x 1200.

Benefits

 <p>Delivers full quality computing experience via a LAN connection to VMware Horizon View desktop or PCoIP Blade PC workstation</p>	 <p>-Optimized for multiple-security domain environments; this solution saves space, power, and is fully integrated -Increases security of physical and data assets</p>	 <p>Supports up to 4 monitors at 1920x1200</p>	 <p>Compatible with CD1042/44 Zero Clients</p>	 <p>ClientCube provides line of sight isolation from datacenter to the desktop</p>	 <p>Switch tested and approved to Common Criteria Validated and complies with latest NIAP Protection Profile PSS Ver. 3.01</p>
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Minimized Space Consumption

Desktop real estate is at a premium, and ClientCube NET-4Q optimizes every inch of consumption. Low profile zero clients 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-4Q features unidirectional data flow that prevents upstream USB intrusion, high-retention force USB connectors to eliminate unexpected cable disconnections, illuminated and color-coded port indicators, and common access card (CAC) port locking that maintains user login to selected host networks.



Multiple Security Domains

ClientCube NET-4Q

Configuration Flexibility

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

Sample Configurations

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

ClientCube NET-4Q Hardware Specifications

Dimensions	Four Clients: 7 inches (w) x 14 inches (h) x 10 inches (d)
Operating System	None
Video	Four monitors at up to 1920 x 1200 @ 60 Hz, 32-bit color depth Two Monitors at up to 2560 x 1600 @60 Hz, 32-bit color depth
Power Supply	Universal 100-240 VAC, 50-60Hz, Output: 12 V DC, 60 W
Shipping Weight	27 pounds (fully configured)
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
GCCUBE 4Q	Model ClientCube NET-4 Quad
G900381	CD1042 Zero Client
G900383	CD1044 Zero Client
G0900139	Copper SFP Module 1000BASE-T, RJ45 Connector
G0900138	Fiber SFP Module 1000BASE-SX, LC Connector
G0900249	Fiber SFP Module 100BASE-FX, LC Connector



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