

# ClientCube 3

Line-of-sight separation from the datacenter to the desk

NIAP Protection Profile v3.0 KVM in Zero Client enclosure



## The Compact, All-In-One Multiple Security Level PCoIP Solution

Following in the tradition of purpose-built solutions for Federal and DoD customers, the ClearCube ClientCube 3 endpoint consolidates multiple networks (tactical, secret, confidential, unclassified) into one small-footprint device at the desktop. ClientCube 3 enables users to access up to two computers or networks using a single keyboard, monitor and mouse while maintaining physical network separation to centralized computing resources.

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 compact, all-in-one unit integrates ClearCube's secure stateless zero client devices with Emerson'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. A common preventive measure for thwarting attacks, KVM switching devices can securely connect peripheral devices—including audio equipment and large high-resolution displays—to switch quickly between two computers and networks with a single keyboard, monitor and mouse. 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<sup>1</sup>). The KVM switch is specially designed to prevent peripherals from leaking information and to remain tamper-free upon delivery. ClientCube 3 helps agencies save time, money, and resources by future-proofing their workstation security investments.

## Minimized Space Consumption

Desktop real estate is at a premium, and ClientCube 3 optimizes every inch of consumption. 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 reduce hardware clutter. An improved ClientCube 3 back panel greatly simplifies device cabling and connections.

## Market Leading Innovations

The Secure KVM included with ClientCube 3 features unidirectional data flow that prevents upstream USB intrusion; illuminated port indicators; NUM Lock, CAPS lock and Scroll Lock indicators; and keyboard port locking that maintains user login to selected host networks.

## ClientCube 3 Benefits

Delivers secure, full quality computing experience over LAN to VMware Horizon View desktop or PCoIP Blade PC workstations

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 Common Criteria Validated and complies with latest NIAP Protection Profile PSS Ver. 3.0<sup>1</sup>

ClientCube 3 provides line of sight isolation from datacenter to the desktop

Increases security of physical and data assets



## Configuration Flexibility

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

## Sample Configurations

All highly classified	SIPR/NIPR	NIPR/Unclassified
Two fiber zero clients switching two displays, keyboard, mouse and audio	One fiber + one copper zero client switching two displays, keyboard, mouse and audio	Two copper zero clients switching one display, keyboard, mouse and audio

## Specifications

ClientCube 3 Hardware Specifications	
<b>Dimensions</b>	6 inches (w) x 7.5 inches (h) x 10 inches (d)
<b>Operating System</b>	None
<b>Video</b>	Dual HDMI 1.4; supports up to 2 monitors at 32-bit color depth and up to 2560 x 1600 @ 60 Hz
<b>Power Supply</b>	Universal 100-240 VAC, 50-60Hz, Output: 12 V DC, 60 W
<b>Shipping Weight</b>	Fully configured, 8 lbs.
<b>Environment</b>	Stationary office, home office installation, 0° to 35° C



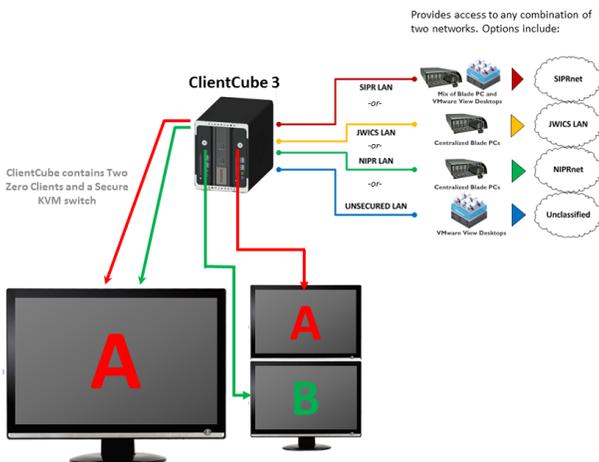
## Ordering Information

Pre-order in February 2017. General availability mid-March, 2017.

Email [sales@clearcube.com](mailto:sales@clearcube.com) or call 866.652.3500 to order or for more information.

<sup>1</sup> 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 DP output connected to the KVM and the other to a persistent monitor. The Blade PC or VDI VM connected to the Zero Client is 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

