

# Control up to 42 servers in zero-U rack space with the switchless KVM switch.



## Z-Series™ Z4200U



### Z-Series

A Z-Series system consists of two components: the User Station and Computer Interface Modules (Z-CIMs).

### The ultimate space saver

Raritan's innovative Z-Series enables access and control of multiple servers from a single user console (keyboard, monitor, and mouse), without consuming precious rack space. Z-Series Z4200U employs Raritan's unique communication technology to control up to 42 servers and eliminate the traditional KVM switch box and all hard-to-manage server-to-switch cable. It is designed to support the most challenging demands of server management where space is at a premium or where systems to be accessed are up to 1,000 feet away, including:

- ▶ Densely packed 1U and 2U rack mount servers
- ▶ Corporate data centers, ISPs, co-location, and Web hosting facilities
- ▶ Computer test labs, call centers, help desks, and training rooms

### Simplified installation with less cable

Z-Series replaces the traditional KVM switch-to-multiple-server cabling configuration with an innovative chain-like server-to-server arrangement, significantly reducing cable clutter. Small Computer Interface Modules (Z-CIMs) connected to the keyboard, video, and mouse ports of each server via Raritan's unique DirectConnect technology are linked with standard Category 5 UTP cable and transmit the keyboard, video, and mouse signals to a User Station. A keyboard, monitor, and mouse plug into the User Station, enabling the user to select and control up to 42 servers via simple on-screen user interface menus. Servers can be added at any time without interrupting server operation.

### Seamless interface to Raritan's enterprise-class Paragon®

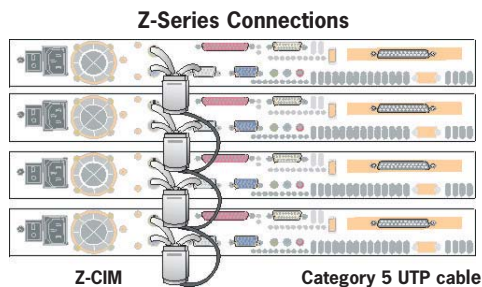
Z-Series is Paragon Ready™, for convenient, clustered access and control of high-density rack mounted servers in large-scale data centers. Connect the first Z-CIM in the chain directly to Raritan's Paragon Ver. 2.5 with a single Category 5 UTP cable.

# Z-Series

## System Components

A Z-Series system consists of two components: the User Station and Computer Interface Modules (Z-CIMs).

**Computer Interface Module (Z-CIM)** — connects to the keyboard, video, and mouse ports of each computer and provides failsafe computer access with Raritan's dedicated keyboard/mouse emulation. Raritan's unique DirectConnect technology enables direct plug-in connection of an HD15 video connector built into the Z-CIM case to the target server, without the clutter of additional unnecessary video cable. Z-CIMs are linked one to the next with a single Category 5 UTP cable; the first Z-CIM in the chain is linked to the User Station. The chain can be up to 1000 feet end to end.



**User Station** — enables a user console (PC keyboard, mouse, and monitor) to select and control up to 42 servers via a simple, on-screen user interface.

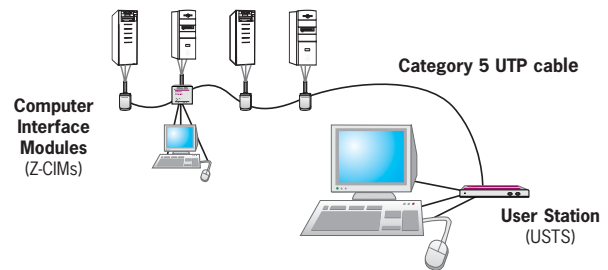
## Features

- ▶ Simple plug and play auto-configure installation
- ▶ Addition of servers anywhere in the chain at any time
- ▶ DirectConnect Z-CIMs for secure connection without excess cable
- ▶ Keep-alive keyboard/mouse emulation for flawless operation
- ▶ User console hot-connect to any server
- ▶ Component hot-swap with no impact on server operation
- ▶ Individual selection buttons with LED indicators
- ▶ Computer selection by name from on-screen menus
- ▶ Automatic Video Tuning (AVT) to adjust video quality automatically
- ▶ Support of high-resolution video—to 1600 x 1200
- ▶ 1,000 feet access radius via Category 5 UTP cable
- ▶ Starter Kit for one user and three servers
- ▶ Seamless interface to Raritan's Paragon Ver. 2.5 for clustered access to high-density servers

**When you're ready to take control, do it with Raritan's Z-Series.**

**Call 1-800-724-8090, or visit [www.raritan.com](http://www.raritan.com).**

## Basic Configuration



## Specifications

User Station (Receiver)

USTS

Dimensions 7.0" (W) x 3.9" (D) x 1.0" (H)  
178mm (W) x 99mm (D) x 25mm (H)

Weight 1.2 lbs (.54 kg)

Power 100V/240V 50/60 Hz 5VA

Z-Series Computer Interface Modules (Transmitters)

UKVMSC for PC

Dimensions 4.3" (W) x 3.6" (D) x 1.0" (H)  
108mm (W) x 91mm (D) x 25mm (H)

Weight 0.7 lbs (0.3 kg)

Power (optional) 100V/240V 50/60 Hz 5VA

Ports RJ45 in & out, plus local PC KVM ports

UKVMSPD for PC (DirectConnect)

Dimensions 1.625" (W) x 3.5" (D) x 0.75" (H)  
41mm (W) x 89mm (D) x 19mm (H)

Weight 0.2 lbs (0.09 kg)

Ports RJ45 in & out

TER-RJ45 (one required per chain of Z-CIMs)

Dimensions 0.436" (W) x 0.875" (D) x 0.5" (H)  
11mm (W) x 22mm (D) x 13mm (H)

Weight 0.006 lbs (0.003 kg)

Standard Warranty Two Years with Advanced Replacement\*

Raritan Computer, Inc., founded in 1985, is the leading provider of KVM (keyboard/video/mouse) and remote management solutions for access and control of servers and other network devices. With 18 consecutive years of profitable growth and technical innovation, Raritan makes products that are used to control millions of servers at more than 35,000 network data centers, computer test labs, and multi-workstation environments around the world. From the small business to the enterprise, Raritan's complete line of compatible and scalable KVM and remote connectivity products offers IT professionals the most reliable, flexible, and secure out-of-band solutions to manage data center equipment, while improving operational productivity.

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\* To qualify for advanced replacement under the standard warranty, you must register the product at [http://www.raritan.com/standard\\_warranty](http://www.raritan.com/standard_warranty).