



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



### Z-Series

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

### 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 cables. 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 300 meters 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 5e 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

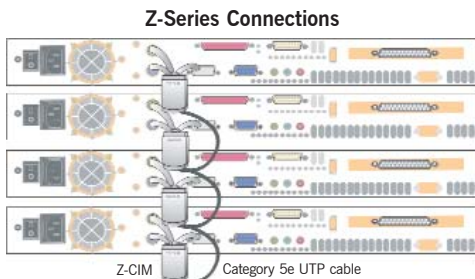
Z-Series is Paragon Ready™, for convenient, clustered access and control of high-density rack mounted servers in large-scale data centers. Connect the first Z-CIM in the chain directly to Raritan's Paragon with a single Category 5e UTP cable.

# Z-Series

## System Components

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

**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 5e UTP cable; the first Z-CIM in the chain is linked to the User Station. The chain can be up to 300 meters end-to-end.

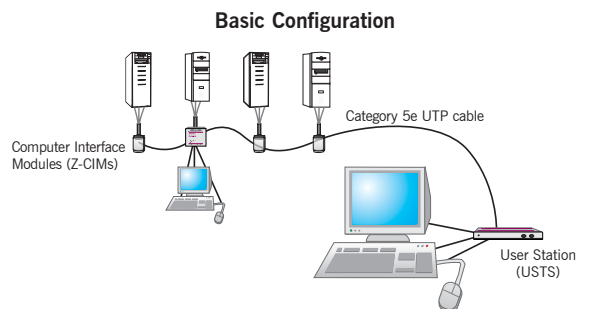


**User Station** — enables a user console (PC keyboard, mouse, and monitor) to select and control up to 42 servers via a simple, on-screen user interface.

## 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 up to 1600x1200.
- 300m access radius via Category 5e UTP cable.
- Starter Kit for one user and three servers.
- Seamless interface to Raritan's Paragon for clustered access to high-density servers.



## Specs

### User Station (Receiver)

#### USTS

Dimensions	178mm (W) x 99mm (D) x 25mm (H)
Weight	0,54 kg
Power	100V/240V 50/60 Hz 5VA
Ports	RJ45 in plus PC KVM ports

### Z-Series Computer Interface Modules (Transmitters)

#### UKVMSC for PC

Dimensions	108mm (W) x 91mm (D) x 25mm (H)
Weight	0.3 kg
Power	100V/240V 50/60 Hz 5VA Optional Power Adapter not included
Ports	RJ45 in & out, plus local PC KVM ports

#### UKVMSPD for PC (DirectConnect)

Dimensions	41mm (W) x 89mm (D) x 19mm (H)
Weight	0.09 kg
Ports	RJ45 in & out

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

Dimensions	11mm (W) x 22mm (D) x 13mm (H)
Weight	0.003 kg

Standard Warranty	Two Years
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**When you're ready to take control, do it with Z-Series.**

**Call +31-10-2844040  
or visit [www.raritan.com](http://www.raritan.com)**

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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