MasterConsole™ Z

Control up to 64 PS/2®, USB and Sun® Servers with Switchless KVM

MasterConsole Z

Chain and control up to 64 servers with Cat5e UTP cables up to 700 feet.

Raritan's MasterConsole Z is a space-saving, flexible KVM solution that allows one user to access and manage up to 64 (PS/2, USB, Sun) servers through a daisy-chain of computer interface modules (MZCIMs), one connected to each target server. Designed for small to medium-sized data centers, the MasterConsole Z:

➤ Saves space: Requiring only a small user station at the desktop, it works without a traditional "switch" and therefore takes up no rack space.

➤ Simplifies installation: Its server-to-server Cat5e daisy chain eliminates unwieldy server-to-switch coax cables, simplifying installation. Servers can be added anywhere in the chain at any time.

➤ Supports multiple platforms: It works with a mixture of servers having PS/2, USB and Sun interfaces. This allows one "switchless" KVM solution to manage what previously incurred the additional cost of converters in multi-platform environments.

➤ Extends access: It can access servers up to 700 feet away over Cat5e UTP cable. It is designed to support the most challenging demands of the small to medium-size data center, where space is at a premium or where system administrators work outside the server room.

➤ Simplifies server administration: Allows administrators to select servers by user-defined names from an on-screen menu.

➤ Secures KVM access: Protects controlled servers with login and password.

➤ Supports flash upgrades: Both components (the User Station and the MZCIMs) can be upgraded, insuring the value of the initial investment against obsolescence.

Raritan

When you're ready to take control.™

Count on Raritan for leading-edge KVM technology and dependability in a "zero-U" form factor.

Applications

MasterConsole Z is the ideal solution for:

➤ Densely packed 1U and 2U rack mount servers

➤ Small to medium-sized server rooms, data centers, ISPs and Web hosting facilities

➤ Computer test labs, call centers, help desks, training rooms

➤ Small and medium-sized businesses, where the servers are not all in the same room
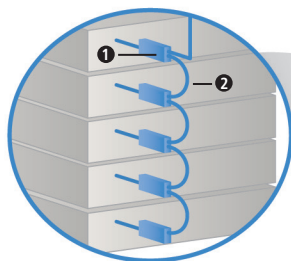
System Components

The MasterConsole Z system consists of three basic components:

1. **User Station (MZUST)** – enables a user console (keyboard, video and mouse) to access and control up to 64 servers via simple, on-screen user interface.

2. **Computer Interface Modules (MZCIMs)** – connect directly to the keyboard, video and mouse ports of target servers via PS/2, USB or SUN interfaces, and provide failsafe server access with Raritan's dedicated keyboard/mouse emulation. MZCIMs are linked (chained) one to the next with a single Cat5e UTP cable; the first MZCIM in the chain is linked to the User Station, also using Cat5e UTP cable.

   The same cable chain can accommodate PS/2, Sun and USB-connected servers, making this switchless KVM solution particularly economical.
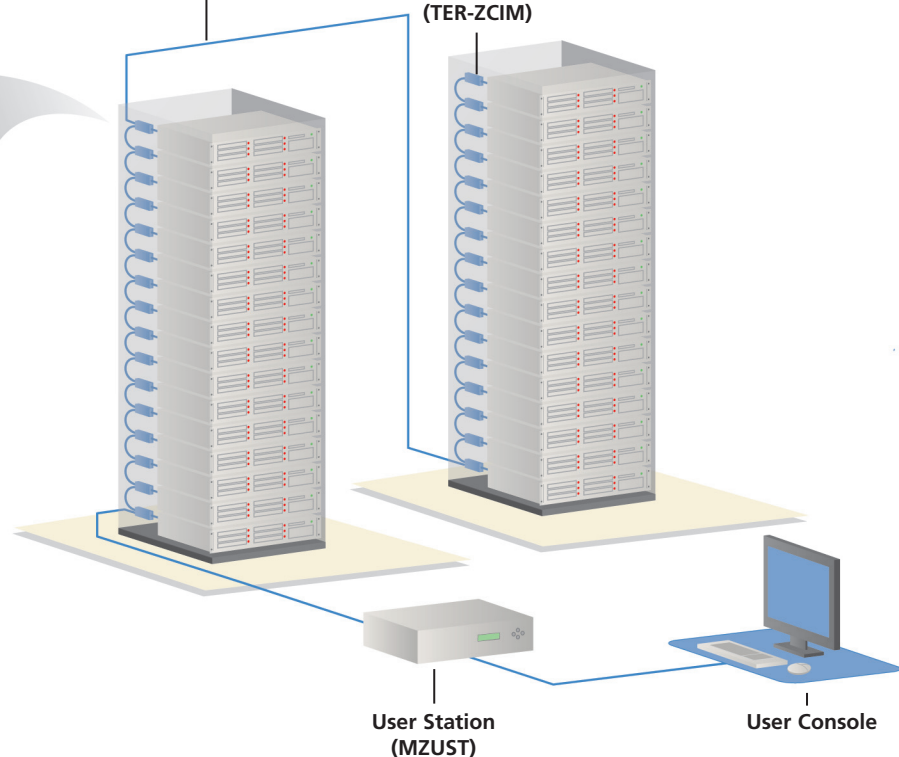
3. **Terminator (TER-ZCIM)** – terminates the daisy-chain of MZCIMs.

MZCIM Connection to multi-platform Servers

MZCIM Connection up to 64 Servers

Terminator (TER-ZCIM)

❶ Computer Interface Module - MZCIM

❷ Cat5e UTP cable

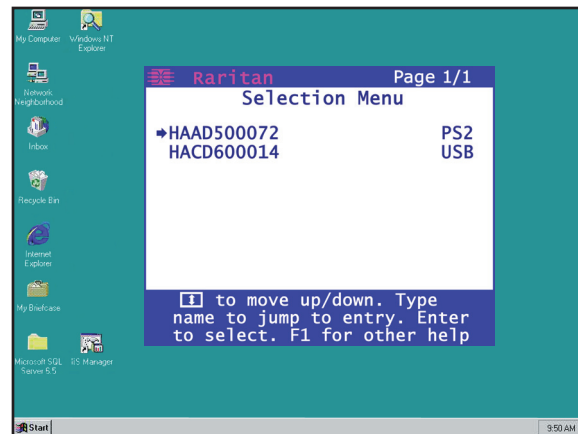**User Station (MZUST)**

User Console

Connect and control servers with PS/2, USB and Sun interfaces, all through the same daisy chain.

Features

➤ Simple plug-and-play operation

➤ User-defined port names

➤ Password authorization

➤ On-site flash firmware upgrades

➤ User console hot-connection to any server

➤ Keep-alive keyboard/mouse emulation

➤ Support of high-resolution video – up to 1600 x 1200

➤ Automatic Video Tuning (AVT) to adjust video quality automatically

➤ Control servers up to 700 feet away

➤ Mixed multi-platform server with PS/2, USB, Sun and Sun USB interface

➤ 1 user, control of up to 64 servers

On-screen user interface makes server management easy.

When you're ready to take control, do it with MasterConsole Z.

Call 1.800.724.8090 or visit Raritan.com/masterconsolez

Raritan is a leading supplier of solutions for managing IT infrastructure equipment and the mission-critical applications and services that run on it. Raritan was founded in 1985, and since then has been making products that are used to control millions of servers at more than 50,000 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 in-band and out-of-band solutions to manage data center equipment applications and services, while improving operational productivity. More information on the company is available at Raritan.com.

Specifications

MZUST

MasterConsole Z User Station

Model	Description	Product Weight - (lbs; Kg)	Product Dimensions - (WxDxH)	Power
MZUST	MasterConsole Z User Station	5 lbs; 2.2 kg	11.5"x 10.5"x 2"; 292 x 266 x 50mm	AC Power 100V-240V 47Hz-63Hz 2.8A

MZCIM-PS2

MZCIM-USB

MZCIM-SUN

MasterConsole Z CIMs

Models	Description	Product Weight - (lbs; Kg)	Product Dimensions - (WxDxH)
MZCIM-PS2	MZCIM for P/S2	.5 lbs; .22 kg	2"x 4"x 1"; 50 x 101 x 25mm
MZCIM-USB	MZCIM for USB	.5 lbs; .22 kg	2"x 4"x 1"; 50 x 101 x 25mm
MZCIM-SUN	MZCIM for SUN	.5 lbs; .22 kg	2"x 4"x 1"; 50 x 101 x 25mm
TER-ZCIM	ZCIM Terminator	.2 lbs; .12 kg	1"x 1"x .5"; 25 x 25 x 13mm

MasterConsole Z KITs

Models	Description	Product Weight - (lbs; Kg)
MZKIT6-PS2	(1) MZUST, (6) MZCIM-PS2 and (1) TER-ZCIM	8 lbs; 3.6 kg
MZKIT12-PS2	(1) MZUST, (12) MZCIM-PS2 and (1) TER-ZCIM	11 lbs; 5 kg
MZKIT24-PS2	(1) MZUST, (24) MZCIM-PS2 and (1) TER-ZCIM	17 lbs; 7.7 kg
MZKIT6-USB	(1) MZUST, (6) MZCIM-USB and (1) TER-ZCIM	8 lbs; 3.6 kg
MZKIT12-USB	(1) MZUST, (12) MZCIM-USB and (1) TER-ZCIM	11 lbs; 5 kg
MZKIT24-USB	(1) MZUST, (24) MZCIM-USB and (1) TER-ZCIM	17 lbs; 7.7 kg
MZKIT6-SUN	(1) MZUST, (6) MZCIM-SUN and (1) TER-ZCIM	8 lbs; 3.6 kg
MZKIT12-SUN	(1) MZUST, (12) MZCIM-SUN and (1) TER-ZCIM	11 lbs; 5 kg

MasterConsole Z CIM PACs

Models	Description	Product Weight - (lbs; Kg)
MZCIM-PS2-10PAC	(10) MZCIM-PS2	5 lbs; 2.2 kg
MZCIM-PS2-20PAC	(20) MZCIM-PS2	10 lbs; 4.5 kg
MZCIM-PS2-40PAC	(40) MZCIM-PS2	20 lbs; 9 kg
MZCIM-USB-10PAC	(10) MZCIM-USB	5 lbs; 2.2 kg
MZCIM-USB-20PAC	(20) MZCIM-USB	10 lbs; 4.5 kg
MZCIM-USB-40PAC	(40) MZCIM-USB	20 lbs; 9 kg
MZCIM-SUN-10PAC	(10) MZCIM-SUN	5 lbs; 2.2 kg

Warranty	Two Years with Advanced Replacement*

*To qualify for advanced replacement under the standard warranty, you must register the product at http://Raritan.com/standard_warranty.
Specifications subject to change without notice.