



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 213 meters.

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 213 meters 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

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

Applications

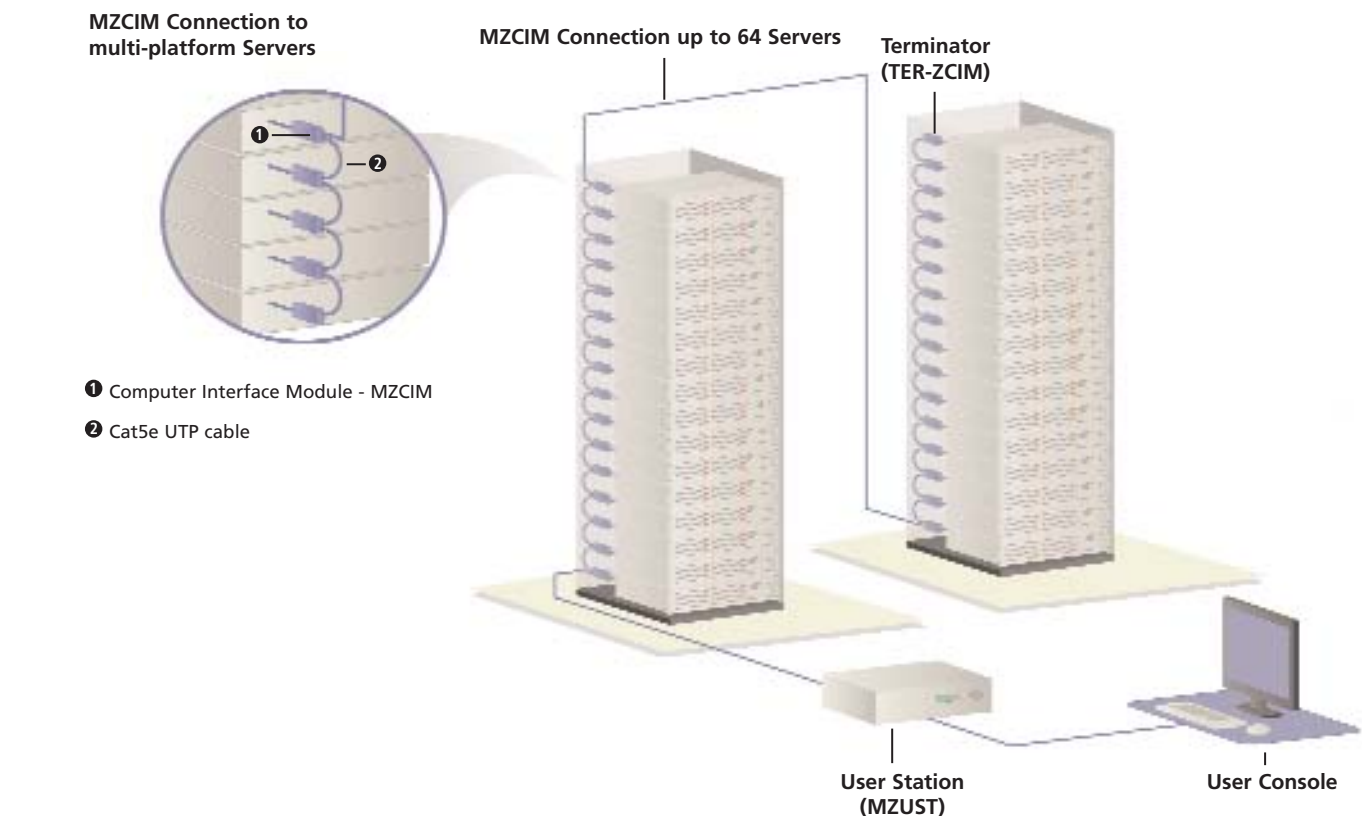
MasterConsole Z is the ideal solution for:

- ▶ 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.
3. **Terminator (TER-ZCIM)** – terminates the daisy-chain of MZCIMs.

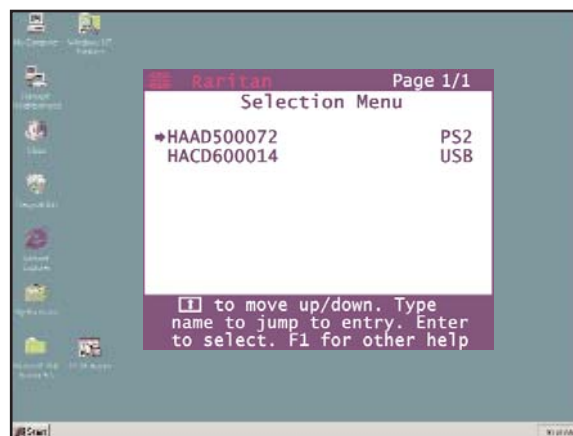


Connect and control servers with PS/2, USB and Sun interfaces, all through the same daisy chain.

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 213 meters 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.



Ready to manage smarter? Do it with Raritan's MasterConsole Z.
Call +31 (0)10 284 4040 or visit Raritan.eu/MasterConsole-Z

Raritan is a leading provider of secure IT infrastructure management solutions. We offer IT and facility directors, managers and administrators the control they need to increase power management efficiency, improve data center productivity and enhance branch office operations. In over 50,000 locations worldwide, our integrated secure in-band and out-of-band products help companies monitor and manage their energy, servers and other IT devices. Our intelligent PDUs combined with energy management software and environmental sensors, offer remote power control and monitoring at the rack and device level, empowering data center owners with information to improve uptime and capacity planning, while efficiently utilizing energy to save power and money. And our access solutions, including KVM, serial and centralized management devices, offer unprecedented control of servers to maintain mission-critical environments. Raritan's OEM division provides embedded hardware and firmware for server and client management, including intelligent power management, KVM over IP, IPMI and other industry standards-based management applications.

Raritan has 38 offices worldwide, serving 76 countries. For more information, please visit Raritan.eu

Specifications



MZUST

MasterConsole Z User Station

Model	Description	Weight	Dimensions – (WxDxH)	Power
MZUST	MasterConsole Z User Station	2,2 kg	292 x 266 x 44mm	AC Power 100V-240V 47Hz-63Hz 2.8A



MZCIM-PS2



MZCIM-USB



MZCIM-SUN

MasterConsole Z CIMs

Models	Description	Weight	Dimensions – (WxDxH)
MZCIM-PS2	MZCIM for P/S2	0,22 kg	50 x 101 x 25mm
MZCIM-USB	MZCIM for USB	0,22 kg	50 x 101 x 25mm
MZCIM-SUN	MZCIM for SUN	0,22 kg	50 x 101 x 25mm
TER-ZCIM	ZCIM Terminator	0,12 kg	25 x 25 x 13mm

MasterConsole Z KITS

Models	Description	Weight
MZKIT6-PS2	(1) MZUST, (6) MZCIM-PS2 and (1) TER-ZCIM	3,6 kg
MZKIT12-PS2	(1) MZUST, (12) MZCIM-PS2 and (1) TER-ZCIM	5 kg
MZKIT24-PS2	(1) MZUST, (24) MZCIM-PS2 and (1) TER-ZCIM	7,7 kg
MZKIT6-USB	(1) MZUST, (6) MZCIM-USB and (1) TER-ZCIM	3,6 kg
MZKIT12-USB	(1) MZUST, (12) MZCIM-USB and (1) TER-ZCIM	5 kg
MZKIT24-USB	(1) MZUST, (24) MZCIM-USB and (1) TER-ZCIM	7,7 kg
MZKIT6-SUN	(1) MZUST, (6) MZCIM-SUN and (1) TER-ZCIM	3,6 kg
MZKIT12-SUN	(1) MZUST, (12) MZCIM-SUN and (1) TER-ZCIM	5 kg

MasterConsole Z CIM PACs

Models	Description	Weight
MZCIM-PS2-10PAC	(10) MZCIM-PS2	2,2 kg
MZCIM-PS2-20PAC	(20) MZCIM-PS2	4,5 kg
MZCIM-PS2-40PAC	(40) MZCIM-PS2	9 kg
MZCIM-USB-10PAC	(10) MZCIM-USB	2,2 kg
MZCIM-USB-20PAC	(20) MZCIM-USB	4,5 kg
MZCIM-USB-40PAC	(40) MZCIM-USB	9 kg
MZCIM-SUN-10PAC	(10) MZCIM-SUN	2,2 kg

Warranty	Two years.
	In addition, Raritan offers two years extended warranty.

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Specifications are subject to change without notice.