



## eRIC G4

A KVM-over-IP remote management PCI card with local port and Virtual Media

# Build Secure, Remote KVM Control into Any Server

## KVM-over-IP remote management PCI card

eRIC G4 is a KVM-over-IP remote management PCI card that adds remote, unblocked, BIOS-level access and control to any server. Accessed from any Web browser, it provides anytime, anywhere KVM access with maximum security, stability and speed.

The eRIC G4 combines all the performance and security features of Raritan's industry-leading remote KVM access-and-control technology into a low-profile PCI card, easily inserted into 1U and 2U form factors for PC, Sun® and Mac® platforms. It also contains Raritan's dual-channel Virtual Media technology, allowing an administrator to exchange installation files and other media between a server and a remote user over a network.

Because it requires no client software, eRIC G4 can be accessed from any popular Web browser running on most major operating systems. With modem access, eRIC G4 provides emergency access to the BIOS-level of mission-critical servers, even when the network is unavailable. And eRIC G4 provides robust security to protect servers from unauthorized access.

## Applications

**System integrators** can deploy the one-size-fits-all, enterprise-class eRIC G4 in a wide range of new and legacy server platforms. eRIC G4 provides fully non-blocked access from any user to any server, making it ideal for mission-critical servers that cannot risk the blocking factor inherent in switched KVM architectures.

**Multi-site enterprises** can deploy eRIC G4 in servers located in branch offices, allowing them anytime, anywhere access and minimizing physical visits to remote locations.

**Internet Service Providers** can use eRIC G4 to differentiate their web- and application-hosting services by offering their clients "virtual presence" at their servers, including do-it-yourself remote reboot and software installation.

## Robust Security

- ▶ Up to 256-bit SSLv3/TLSv1 keyboard, video and mouse encryption
- ▶ Built-in authentication or compatible with third-party AAA servers
- ▶ Support of SSL certificate management
- ▶ Logging of all important events
- ▶ Raritan's state-of-the-art user management system – up to 200 definable user access profiles using RAASIP

## “At-the-Rack” Response with High Video Resolution

- ▶ Resolution up to 1600 x 1200 over IP
- ▶ Resolution up to 2048 x 1536 @ 85 Hz at local port (with optional video splitter)
- ▶ Transmission of keyboard and mouse signals over high speed USB
- ▶ Support of all standard VGA and VESA modes (graphics and text)
- ▶ No perceptible latency

## Anywhere, Anytime Access with Virtual Media Support

- ▶ Access via 10/100 Mbps LAN, DSL or Modem
- ▶ Accessible with most Java-enabled browsers
- ▶ Local client available for servers that do not run Java
- ▶ Virtual Media support, via USB mass storage, including floppy, CD-ROM, DVD and hard drive redirection
- ▶ SSH and Telnet access
- ▶ Integrated serial functionality via SSH or Telnet

## Versatile and Flexible

- ▶ Up to 15 users can access and view the server for collaborative troubleshooting
- ▶ Remote power on/off and reset
- ▶ Firmware update via Web interface
- ▶ Local port access
  - Local serial port for modem access
  - Local video monitor access with optional video splitter
  - Local keyboard and mouse access via USB with adapter
- ▶ IPMI support
- ▶ Powered by the server
- ▶ Optional external power supply available
- ▶ High- and low-profile rack-mount brackets
- ▶ Uses configurable TCP/IP port 80 (unencrypted) or port 443 (encrypted via SSL)

ERIC-G4	
<b>Description</b>	KVM-over-IP remote management PCI card
<b>Dimensions - (WxDxH)</b>	167,64 x 64,41 x 15mm
<b>Weight</b>	0,11 kg
<b>Power</b>	No external power required
ERIC-G4-PWRPK	
<b>Description</b>	eRIC G4 ATX external power pack
<b>Dimensions - (WxDxH)</b>	74 x 49 x 40,5mm
<b>Weight</b>	0,5 kg
<b>Power</b>	Power supply 5V
ERIC-G4-VDSPLITTERPK	
<b>Description</b>	eRIC G4 Video Splitter Pack
<b>Dimensions - (WxDxH)</b>	350 x 70 x 20mm
<b>Weight</b>	0.12 kg
<b>Power</b>	No external power required
<b>Warranty</b>	<b>Two Years.</b> In addition, Raritan offers two years Extended Warranty.

## Ready to manage smarter? Do it with Raritan's eRIC-G4.

Call +31 (0)10 284 4040 or visit [Raritan.eu/eRIC-G4](http://Raritan.eu/eRIC-G4)

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](http://Raritan.eu)

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