



ASMI-G4

Raritan's ASMI G4 offers maximum stability and availability with KVM-over-IP, virtual media and IPMI 2.0 support.

KVM-over-IP access on a single, embedded chip.

Now you can offer your customers full access and control of their servers with our ASMI-compatible KVM-over-IP solution.

Raritan's ASMI G4 module is a printed circuit board that's fully compliant with Intel's ASMI (Advanced System Management Interface) standard. When installed in the ASMI connector on your server boards, it provides you and your customers with an added level of manageability.

With the ASMI G4, your customers can enjoy a full range of platform access and control, including KVM-over-IP and power management capabilities. Designed to work with the Baseboard Management Controller (BMC), this small form-factor card enables your customers with unrestricted access to their systems – at anytime – from any internet-capable workplace in the world. And because it's embedded on the motherboard, the ASMI G4 provides maximum stability and availability, while remaining independent of the status of the server's operating system.

ASMI G4 Key Features

- ▶ Complete platform control
- ▶ KVM-over-IP/Serial-over-IP
- ▶ Virtual Presence over remote console: Keyboard, Video, Mouse (KVM) redirection over TCP/IP
- ▶ Virtual Presence over Web front end: Power and reset control over TCP/IP
- ▶ Automatically senses video resolution for best possible screen capture
- ▶ Interaction with the BMC for support of Intelligent Platform Management Interface (IPMI) 2.0
- ▶ Virtual Media: USB remote storage redirection over TCP/IP, up to two mass storage devices at a time
- ▶ Highest security standards using up to 256 bit SSLv3, certificate management, event logging and state-of-the-art authentication methods
- ▶ Support for a dedicated 10/100 Out-of-Band (OOB) management LAN channel

ASMI G4 Technical Data

- KIRA™ 100 ARM 9 Processor @ 200 MHz
- dedicated Out Of Band (OOB) 10/100Mbit Ethernet Network Interface Chip
- 32MB CPU SDRAM
- 8MB VSC SDRAM (Flash Memory)
- Hardware based Video Acceleration Unit VSC 2.0
- USB 2.0 High Speed Interface
- 15bit DVO Interface Video Input at up to 1600X1200 Resolution at 60 Hz
- High Speed Fast Management Link (FML) Interface to BMC
- Dedicated NIC Interface (MII)
- IPMB
- LPC
- Low single 3.3V power consumption (approx 3.5 W)
- Size (LxWxH): 2.75"x 2.25"x max. 0.32";
69.85 x 57.15 x max. 8.2mm

ASMI G4 Security Features

- SSLv3/TLSv1 encryption of all data with up to 256 bit SSLv3
- Support of SSL certificate management
- Logging of all important events
- LDAP/RADIUS support

ASMI G4 Software Development Kit

- SDK - OEMIZER
- SDK - Reference design (Gerber, Schematics, BOM) for integration

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

Call 1.800.724.8090 or visit Raritan.com/ASMI

Raritan, based in Somerset, N.J., is a leading provider of management solutions that simplify IT operations. Based on KVM (Keyboard, Video, Mouse) switches, serial console servers, management software, power management and remote connectivity, our secure solutions drive data center and branch office efficiency and productivity in more than 50,000 locations around the world. Raritan also serves the OEM market by developing advanced, hardware-based, remote-management components based on KVM-over-IP and IPMI technologies. Founded in 1985, Raritan today has 38 offices worldwide, and its products are distributed in 76 countries. For more information, please visit Raritan.com.

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