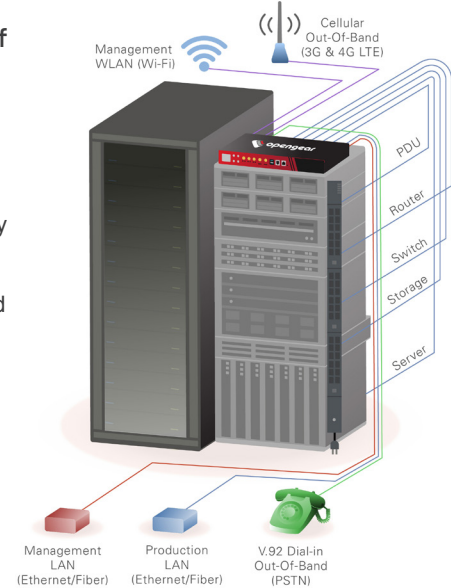


One appliance to manage all data center infrastructure, even during downtime

Today's data centers have a wide array of network, server and power infrastructure from a variety of vendors. The scope and complexity of managing these environments continues to grow.

Opengear data center management appliances enable always-available, secure remote management of network, server and power infrastructure for local and remote IT, environmental sensors and more through the power of **Smart OOB™**. Also, with available embedded cellular, our line of data center managers can help business access, manage and maintain critical network infrastructure more effectively from virtually ANYWHERE with minimal downtime. Opengear provides:

- Secure console management from the operations center, or anywhere in the world
- Integrates with standard data center authentication, monitoring and management systems & tools
- Solutions for all environments, from a single co-location cage to state-of-the-art all-fiber data centers
- Comprehensive connectivity, optional cellular remote access for network provisioning and repair
- Infrastructure management that scales, manage up to 5,000 appliances with Opengear Lighthouse



Benefits

Smart OOB™

- Control critical network infrastructure with serial, USB and Ethernet connections
- Manage IT, network, security, power and environmental conditions
- Optional 4G LTE secure alternate path for troubleshooting and repair
- Backup and restore device images and configs to integrated TFTP server and USB storage
- Log system health and environmental conditions

Consolidated Management

- One appliance to manage all network, server, PDU and UPS equipment
- Up to 48 RS-232 serial console ports for out-of-band monitoring and control
- Optional built-in switch for secure service processor and BMC access and IPMI control
- Vendor-neutral power management, uniquely supports over 100 power vendors' equipment

Cisco® equipment

- Access to Cisco console ports for provisioning, maintenance and troubleshooting
- Back up and restore IOS running config or system image to integrated TFTP server and USB storage
- Simple cabling. No adapter needed for RJ45 consoles
- Collaborative management with multiple simultaneous connections to a single console

Strong security and authentication

- Lock down management interfaces with granular, role-based user permissions
- Remote AAA including Active Directory, TACACS+ and RADIUS with RSA SecurID two-factor
- IPsec and OpenVPN, strong-cipher SSH and FIPS 140-2 certified SSL
- Audit trail logs of each management connection and every keystroke

Monitoring and auto-response

- Increase MTBF with proactive detection and notification of infrastructure faults
- Detect console cable unplugged and server kernel panics
- Monitor temperature, humidity, water leak and more with optional EMD5000 module
- Deliver alerts to Nagios with NSCA and NRPE, Solarwinds and other NMS with SNMP

Solutions for every data center

- Product range that scales from market-beating price-perport, to market-leading performance
- Fully integrated management solution with more features out of the box
- Single pane of glass management for your entire infrastructure with optional Opengear Lighthouse

Technical Overview

Product comparison chart: <http://opengear.com/product-feature-comparison>



IM7200 Infrastructure Manager

Connectors

- Dual LAN ports available by selecting two from four available ports (2 x 10/100/1000 RJ45 copper and 2 x SFP fiber module slots)
- All serial ports are RJ45 RS-232 (50 to 230,400bps, software selectable Cisco-straight or Cisco-rolled pinout)
- Wi-Fi Access Point 802.11 a/b/g/n & antenna (optional diversity antenna)
- 1 x Internal V.92 modem with RJ11 phone socket
- 2 x USB 3.0 host ports
- LCD configuration panel
- 1 x RJ45 RS-232 local console port (Cisco-straight)
- Dual internal universal 100-240V AC power supplies

Latest Specifications

<http://opengear.com/products/im7200-infrastructure-manager>



CM7100 Console Manager

Connectors

- Dual LAN ports for main and secondary networks (2 x 10/100/1000 Base-T RJ45)
- Secondary LAN for redundancy, management network, out-of-band link, Internet or WAN
- Serial LAN ports (16, 32 or 48) RJ45 RS-232 at 50 to 230,400bps with Cisco-straight pinout and full IPv6 support
- Dual USB 2.0 host ports for peripherals and additional storage
- Single or dual internal universal 100-240V AC power supplies (IEC C14) with dual ON/OFF switches

Latest Specifications

<http://opengear.com/products/cm7100-console-server>

	Serial Ports			Serial Pinout			Management LAN Ports		Modem			USB	Power			
	2-4	8	16-48	Cisco Straight	Cisco Rolled	Classic	Single	Dual	External DB-9	Internal PSTN	Internal Cellular		AC	DC	Dual AC	Dual DC
IM7200	•	•		•	•		•	•		•	•	•			•	•
CM7100			•	•				•	•			•	•		•	•

Opengear Centralized Monitoring and Management

Remote Management



- Fully integrated in-and out-of-band management solution
- Serial console, PDU, UPS, network host monitoring, access and control
- Secure HTTPS web and Linux SSH CLI user interfaces
- Management dashboard for status at a glance
- Extensive data logging and alert delivery feature set

Centralized Management



- Centralized management of your critical infrastructure with Opengear Lighthouse
- Configuration and connection to your OOB network from a centralized point
- End-to-end out-of-band management solution
- Serial console, PDU, UPS, network host monitoring, access and control from a single pane of glass



Resources

- Web Resource Library:**
<http://opengear.com/resources>
- Opengear Blog:**
<http://blog.opengear.com/>
- Opengear Twitter:**
<https://twitter.com/opengear>

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