OM1200 Operations Manager
NetOps Console Server with *Smart* Out-of-Band

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Opengear OM appliances are NetOps Console Servers - Network Management appliances that combine the capabilities of a *Smart*OOB™ Console Server with the flexibility of NetOps Automation.

The compact OM1200 appliance is designed specifically for secure edge deployments, used in combination with Lighthouse Management Software. As a key component of Opengear's Network Resilience Platform, it provides the Presence & Proximity at every location that supports emerging requirements in Network Management and Automation.

Features

- **8 Serial and 8 Ethernet port combinations**
- **Global LTE interface (optional)**
- **x86 platform; embedded physical security**
- **Python runtime, Docker container support**

Console Specifications	
Console Ports	**OM1208-8E** – 8 x RJ45 RS232 Cisco straight X2 pinout serial ports and 8 port embedded Gigabit switch

Interface	
Ethernet Ports	2 x 10/100/1000 Ethernet/SFP Fiber port
Serial Ports	Cisco straight X2 50 to 230,400 bps Console Ports
USB	2 x USB 3.0 Host Ports for storage and 2 x USB 2.0 ports for device console management
Remote Access	Integrated 4G LTE Cellular Card, Dual Ethernet, aggregation & redundancy, Automatic Network Failover, Easy browser UI, IPv6

Power Requirements	
Power Adapter	110-240V AC to 12V DC external power adapter PSE Mark, BIS Mark
Power Consumption	25 W Maximum

Physical Dimensions	
Dimensions and Weight	8 5/8 x 6 5/8 x 1 5/8 in - 2.2 lbs, 22 x 17 x 4.2 cm - 1 kg
Form Factor	Compact - SFF 1U half-rack width

Memory & CPU	
CPU	AMD GX-412TC (1.0/1.4GHz 64-bit x86 SoC)
Memory	OM120x - 2GB DRAM (SO-DIMM) OM120x-xE - 4GB DRAM (SO-DIMM)
Boot ROM	16 MB SPI with password protection
Internal Storage	16 GB m.SATA III SSD

Environmental	
Operating Temperature	5°C to 50°C, 41°F to 122°F
Storage Temperature	-40°C to +75°C, -40°F to +167°F
Humidity	5% to 90%
Environmental Monitoring	Internal temperature sensor and external serial EMD5000 device supports physical, smoke, water leak, vibration sensors
MTBF	100,000 Hours (Power Supply)

Features	
	Smart Out-of-Band, Modern CLI/GUI/REST API, IPv4/IPv6 Networking, Serial Port Logging

Security, Encryption & Authentication	
	Trusted Platform Module 2.0 AAA – TACACS+, RADIUS, Active Directory/OpenLDAP, Kerberos, with local fallback Embedded Firewall IPSec and OpenVPN

Automation & Scalability			
	Opengear NetOps Modules		Perl and bash support
	Docker support		ZTP
	Python and Ruby		SNMP-Standard MIBs

Global LTE Cellular Interface	
Modules	**OM12xx-L - Sierra Wireless EM7565**
Speed	CAT12
Coverage	Global LTE-A Support

Certifications	
Cellular	PTCRB, GCF, Verizon and AT&T
Emissions	EN 55022:2010, CISPR 22:2008, FCC Part 15 Subpart B:2015, ICES-003 Issue 5 (2014), AS/NZS CISPR 22:2009+A1:2010, EN 61000-3-2:2006/A2:2009, EN 61000-3-3:2008
Immunity	EN 55024:2010, CISPR 24:2010, EN 61000-4-2:2009, EN 61000-4-3:2006+A2:2010, EN 61000-4-4:2004+A1:2010, EN 61000-4-5:2006, EN 61000-4-6:2009, EN 61000-4-8:2010, EN 61000-4-11:2004
Other Agency Approvals	CE, UL 1950, TUV, C-Tick, RoHS compliant, Security features to support NERC CIP standards, FIPS 140-2 validated module Certificate #2473
Warranty	4 Years hardware and support

Available Models

Port Density	2 x 10/100/1000 Ethernet/ SFP Fiber port	Cellular	Description
8 Port Serial Console + 8 Port Switch			
OM1208-8E	Yes		8 x RJ45 RJ232 Cisco straight X2 pinout serial ports and 8 port embedded Gigabit switch
OM1208-8E-L	Yes	Yes	8 x RJ45 RJ232 Cisco straight X2 pinout serial ports and 8 port embedded Gigabit switch

Package Checklist

- Operations Manager OM1200
- 1 x Rack Mount Kit (590054)
- 1 x DB9F-RJ45 Crossover (319015)
- 4 x Rubber feet (370003)
- 1 x 12V Global Power Supply (450034)
- Quick Start Flyer

Cellular Enabled Models Also Include:
- 2 x Cellular Antennas (569041)
- 1 x Cellular Antenna Extender with magnetic base (449041)

Optional Accessories

	Part Number	Description
Adapters	319014	Adapter - DB9F to RJ45 straight serial - DCE -For X2 Pinout
	319015	Adapter - DB9F to RJ45 crossover serial - DTE -For X2 Pinout
	319016	Adapter - DB9M to RJ45 straight serial - DCE - For X2 Pinout
Mounting	590054	Rack Mount Kit
Power Supply	450034	110-240V AC to 12V DC Universal Power Supply
Cellular / GPS Antenna	569018	Antenna - GPS Active - 6' Cable length
	449041	Antenna Extender - Magnetic Base with 10' Cable
	569041	Antenna - Blade LTE-A with swivel base

Warranty

Part Number	Description
Included	4-year standard warranty
OGEXTWAR5-OM1200	Warranty OM1200 (Extends to 5th year warranty)
OGEXTWAR6-OM1200	Warranty OM1200 (Extends to 6th year warranty)