

# OM1200 Operations Manager

## NetOps Console Server with *Smart Out-of-Band*

Opengear OM appliances are NetOps Console Servers - Network Management appliances that combine the capabilities of a *SmartOOB™* 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	<b>OM1208-8E</b> – 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 Docker support Python and Ruby	Perl and bash support ZTP SNMP-Standard MIBs
Global LTE Cellular Interface		
Modules	<b>OM12xx-L - Sierra Wireless EM7565</b>	
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	
Warranty	4 Years hardware and support	

## Available Models

Port Density	2 x 10/100/1000 Ethernet/ SFP Fiber port	Cellular	Description
<b>8 Port Serial Console + 8 Port Switch</b>			
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
<b>Adapters</b>	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
<b>Mounting</b>	590054	Rack Mount Kit
<b>Power Supply</b>	450034	110-240V AC to 12V DC Universal Power Supply
<b>Cellular / GPS Antenna</b>	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)