

OM1200 Operations Manager

with Smart Out-of-Band Management



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.



- Half-width, shallow depth, 1RU form factor
- Cost-effective 4 or 8 Serial port-only models
- Mixed-port models: 4 or 8 Serial, 4 or 8 Ethernet
- Global LTE interface (non-cellular optional)
- x86 platform; embedded physical security
- Python runtime, Docker container support

Console Specifications

OM1208-8E	8 x RJ45 RS232 Cisco straight X2 pinout serial ports and 8 port embedded GbE switch
OM1204	4 x RJ45 RS232 Cisco straight X2 pinout serial ports
OM1208	8 x RJ45 RS232 Cisco straight X2 pinout serial ports
OM1204-4E	4 x RJ45 RS232 Cisco straight X2 pinout serial ports and 4 port embedded GbE switch

Interfaces

Primary/Secondary Network Ports	2 x 10/100/1000 Base-T Ethernet (OM120X) 2 x 10/100/1000 Base-T Ethernet/SFP Fiber auto-media ports (OM120X-XE)
Serial Ports	1 x RJ45 RS-232 Console Port - Cisco rolled X2 (No pinout), baud rate 115200
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, Intuitive UI, IPv6

Power Requirements

Power Adapter	1 x Universal 110-240V AC to 12V DC external power adapter IEC 62368, UL, CB, DoE, VI, PSE, LPS certified
Power Consumption	25 W Maximum

Physical Dimensions

Dimensions and Weight	8.5/8x6.5/8x15/8in-2.2lbs,22x17x4.2cm-1kg
Form Factor	Compact - SFF 1U half-rack width

Memory and CPU

CPU	AMD GX-412TC (1.0/1.4 GHz 64-bit x86 SoC)
Memory	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%
MTBF	100,000 Hours (Power Supply)

Security, Encryption & Authentication

- Trusted Platform Module 2.0
- AAA - TACACS+, RADIUS, Active Directory/Open LDAP, Kerberos, with local fallback
- Embedded Firewall
- IPsec and OpenVPN

Automation & Scalability

- Opengear NetOps Modules
- Docker support
- Python
- Perl and bash support
- ZTP
- SNMP-Standard MIBs

Global LTE Cellular Interface

Modules	OM12xx-L Sierra Wireless EM7565
Speed	CAT12

Global LTE Cellular Interface

Coverage Global LTE-A Support

Certifications

Cellular PTCRB, GCF, Verizon and AT&T

Cyber Security EN 18031-1:2024, EN 18031-2:2024, EN 18031-3:2024

Emissions EN55032:2015+A11:2020, EN 61000-3-2:2019, EN 61000-3-3:2013, 47 CFR Parts: 15B, ICES-003 Issue 7

Immunity EN 55035:2017+A11:2020

Other Agency Approvals KS C 9832:2019, KS C 9835:2019, AS/NZ CISPR 32:2015, VCCI-CISPR 32:2016, CISPR 22:2009, CNS 15936:2016

Radio Equipment Directive (RED) EN 301 908-1 V13.1.1, EN 301 908-2 V13.1.1, EN 301 908-13 V13.1.1, EN 303 413 V1.2.1, EN 301 489-1 V2.2.3 (2019-11), EN 301 489-52 V1.1.2, EN 62311: 2008

RoHS EN 63000:2018

Safety IEC 60950-1:2005+A1+A2, IEC 62368-1:2014

Warranty

5 years hardware replacement included. Appliance requires a minimum of 1 year Foundation Support at the time of purchase.

Available Models

Model	Serial Ports	Ethernet Switch Ports	SFP	Memory	Cellular
OM1204	4	No	No	4GB	None
OM1204-L	4	No	No	4GB	Global 4G LTE
OM1204-4E	4	4	1	4GB	None
OM1204-4E-L	4	4	2	4GB	Global 4G LTE
OM1208	8	No	No	4GB	None
OM1208-L	8	No	No	4GB	Global 4G LTE
OM1208-8E	8	8	2	4GB	None
OM1208-8E-L	8	8	2	4GB	Global 4G LTE

The '-GLB' suffix indicates the unit ships with a 12V global power supply.

Package Checklist

- Operations Manager OM1200
- 1 x Rack Mount Kit (590054)
- 1 x DB9F - RJ45 Crossover (319015)
- 4 Rubber feet (370003)
- 1 12V Global Power Supply (450038)
- Start-Up / Safety Instructions Card

Cellular enabled models also include:

- 2 x Cellular Antennas (569041)
- 1 x Cellular Antenna Extender with magnetic base (449041)

Optional Accessories

Part Number	Description
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
590085	Rack tray mounting kit for half-width appliances
450047	External Power Supply - 65W IEC-C14 inlet, 12V DC output barrel connector - IEC 62368
450038	External AC Power Adapter, universal input, output barrel connector - IEC 62368
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	5 year standard warranty

Select one of the following to include with the appliance:

OG-FNTS-OM1200-1YR	1 year Foundation Support for OM1200 - 8x5 Regional Support with Advanced Replacement
OG-FNTS-OM1200-2YR	2 year Foundation Support for OM1200 - 8x5 Regional Support with Advanced Replacement
OG-FNTS-OM1200-3YR	3 year Foundation Support for OM1200 - 8x5 Regional Support with Advanced Replacement
OG-FNTS-OM1200-5YR	5 year Foundation Support for OM1200 - 8x5 Regional Support with Advanced Replacement

Part Number	Description
OG-FNTS-OM1200-7YR	7 year Foundation Support for OM1200 - 8x5 Regional Support with Advanced Replacement
OG-PRTS-1YR	1 year Premium Support - Access to Premium Resources 24x7 and Advanced Replacements
OG-PRTS-2YR	2 year Premium Support - Access to Premium Resources 24x7 and Advanced Replacements
OG-PRTS-3YR	3 year Premium Support - Access to Premium Resources 24x7 and Advanced Replacements
OG-PRTS-5YR	5 year Premium Support - Access to Premium Resources 24x7 and Advanced Replacements
OG-PRTS-7YR	7 year Premium Support - Access to Premium Resources 24x7 and Advanced Replacements