

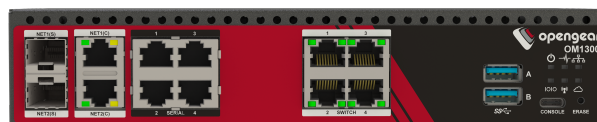
OM1300 Operations Manager

with Smart Out-of-Band Management



The compact OM1300 appliance is purpose-built for secure edge deployments – working seamlessly with Lighthouse Management Software. By combining *Smart OOB™* access with integrated switch ports for connecting servers, firewalls, and other critical equipment, it delivers a simplified, resilient platform that supports modern network management and automation at remote sites.

- Managed networking with VLAN and Routing support
- IP based device management with *Smart OOB™*
- 4GB LPDDR4 memory / 32GB eMMC storage
- TPM 2.0 embedded physical security
- 4 port Serial and 4 port Ethernet management OR 8 port Serial and 8 port Ethernet management



Console Specifications

- | | |
|--------------|---|
| Serial Ports | <ul style="list-style-type: none">• OM1304-4E: 4 x RJ45 RS232 Software Selectable Straight or Rollover Pinout• OM1308-8E: 8 x RJ45 RS232 Software Selectable Straight or Rollover Pinout |
|--------------|---|

Interfaces

- | | |
|----------------------|--|
| Network Ports | 2 x combo ports - RJ45 100BASE-TX/1000 BASE-T or SFP |
| Managed Switch Ports | 4 x Managed 10/100/1000 Base-T switched Ethernet Ports |
| Local Console Port | 1 x USB-C Console Port - X2 Pinout, default baud rate 9600/8N1 |
| Managed Serial Ports | RJ45, RS-232, Software Selectable Pinout, baud rate of 50 to 115,200 bps |
| USB Ports | 2 x USB 3.0 ports (for mass-storage, device console management) |
| Remote Access | Dual Ethernet, aggregation & redundancy, Automatic Network Failover, Easy browser UI, IPv6 |
| Console Management | <ul style="list-style-type: none">• Local WebUI has built-in web terminal for CLI access• IP alias for serial port console connections• Support for console event and keystroke logging• Alert on text pattern match• Multiple concurrent sessions• Centralized access to all serial managed devices from Lighthouse software |

Power Requirements

Power Input	Dual Power inputs, second available as redundancy
Power Adapter	1x Universal 110-240V AC to 12V DC external power adapter IEC 62368, UL, CB, DoE, VI, PSE, LPS certified
Cooling	Passive Cooling - can be forward or reverse mounted

Physical Dimensions

Dimensions and Weight	8.66" x 7" x 1.75" - 2.7 lbs, 220 x 177 x 44 mm - 1.45 kg
Form Factor	Compact - SFF 1RU half-rack width

Memory and CPU

CPU	1.6 GHz Quad-Core ARM Cortex-A53 SoC
Memory	4GB LPDDR4 SDRAM
Storage	32GB eMMC

Environmental

Operating Temperature	5°C to 50°C, 41°F to 122°F
Storage Temperature	-30°C to +60°C, -22°F to +140°F
Humidity	5% to 90% (non-condensing)
Environmental Monitoring	Built-in temperature sensor

Security, Encryption & Authentication

- TACACS+, RADIUS, Active Directory/OpenLDAP, with local fallback
- IPsec and OpenVPN
- FIPS 140-2 compliant
- Trusted Platform Module 2.0

Automation & Scalability

- ZTP
- Ansible
- API based OS
- Docker support
- Python and Ruby
- SNMP-Standard [MIBs](#)

Certifications

Safety	IEC 62368-1:2018
Emissions	47 CFR Parts: 15B, ICES-003 Issue 7, EN55032:2015+A11:2020, AS/NZ, CISPR 32:2015, VCCI-CISPR 32:2016, EN 301 489-1:2019
Immunity	EN55035:2017+A11:2020, EN 61000-3-2:2019, EN 61000-3-3:2013, EN 301 489-52:2021
RoHS	EN 63000:2018
Other Agency Approvals	KS C 9832:2023, KS C 9835:2019, CNS 15936:2016

Warranty

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

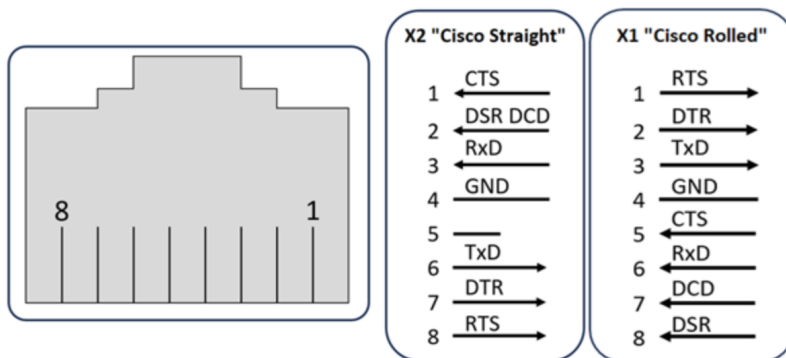
Available Models

Model	Description
OM1304-4E	4 x RS232 RJ45 Software Selectable Pinout, 2x 1GbE SFP, 2x 1GbE, ARM 1.6GHz 4-core, 4GB LPDDR4, 32GB flash, TPM 2.0, Single AC
OM1308-8E	8 x RS232 RJ45 Software Selectable Pinout, 2x 1GbE SFP, 2x 1GbE, ARM 1.6GHz 4-core, 4GB LPDDR4, 32GB flash, TPM 2.0, Single AC

Package Checklist

- Operations Manager OM130X
- Rack Mount Kit (Part# 590054)
- C14 Power Cable (Part# 440055)
- A/C Power Brick (Part# 450047)

Opengear Pinout



Optional Accessories

Part Number	Description
319014	Adapter - DB9F to RJ45 straight serial - DCE -For X2 Pinout

Part Number	Description
319015	Adapter - DB9F to RJ45 crossover serial - DTE -For X2 Pinout
319016	Adapter - DB9M to RJ45 straight serial - DCE -For X2 Pinout
440081	Cable Ethernet CAT6 High Temperature - 5' length
590054	Rack Mount Kit - Ears and Screw
590059	Rack Tray Kit - Convert to 1RU full-rack width
450045	External 60W DC Power Supply, 18-72V DC Universal input, 12V DC output barrel connector - IEC 62368
450047	External 65W AC Power Adapter, IEC-C14 inlet, 12V DC output locking barrel connector - IEC 62368

Warranty

Part Number	Description
Included	5 year standard warranty
Select one of the following to include with the appliance:	
OG-FNTS-OM1300-1YR	1 year Foundation Support for OM1300 - 8x5 Regional Support with Advanced Replacement
OG-FNTS-OM1300-2YR	2 year Foundation Support for OM1300 - 8x5 Regional Support with Advanced Replacement
OG-FNTS-OM1300-3YR	3 year Foundation Support for OM1300 - 8x5 Regional Support with Advanced Replacement
OG-FNTS-OM1300-5YR	5 year Foundation Support for OM1300 - 8x5 Regional Support with Advanced Replacement
OG-FNTS-OM1300-7YR	7 year Foundation Support for OM1300 - 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

Part Number	Description
OG-PRTS-7YR	7 year Premium Support - Access to Premium Resources 24x7 and Advanced Replacements