

OM2200 Operations Manager

Supporting the NetOps Automation Platform

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 OM2200 appliance, managed through our Lighthouse software, is configured for data centers and high density locations. Integrated into Opengear's Network Resilience Platform, it provides a separate, secure management plane which supports advanced automation applications.

Features

- 16, 32 and 48-port console server with *SmartOOB*
- Global LTE interface (optional)
- x86 platform; embedded physical security
- Python runtime, Docker container support



Console Specifications	
Console Ports	OM2216 – 16 x RJ45 RS-232 Software Selectable Straight or Rollover Pinout Console Management Ports OM2232 – 32 x RJ45 RS-232 Software Selectable Straight or Rollover Pinout Console Management Ports OM2248 – 48 x RJ45 RS-232 Software Selectable Straight or Rollover Pinout Console Management Ports
Interface	
Ethernet Ports	2 x 10/100/1000 Ethernet/SFP Fiber port
Local Console Ports	1 x micro USB 2.0 Console Port and 1 x RJ45 Serial
Serial Ports	16, 32, or 48 x RJ45 RS-232 Software Selectable 50 to 230,400 bps Console Ports
USB Ports	2 x USB 3.0 Host Ports for storage and 8 x USB 2.0 ports for device console management
Power Requirements	
Dual AC Power Inputs	Dual IEC 320 Socket Universal 100-240V AC 50/60Hz
Power Consumption	Serial Port models 30W max Mixed Port models 45W max
Cooling	Passive Cooling - can be forward or reverse mounted to suit best airflow
Physical Dimensions	
Dimensions	17.25 x 10.25 x 1.75 in, 44 x 26 x 4.5 cm
Weight	3.5 kgs 7.7 lbs.
Form Factor	1 RU
Memory & CPU	
CPU	AMD GX-412TC 1.4 Ghz, 4-core 64-bit x86
Memory	8 GB DDR3 RAM
Boot ROM	16 MB SPI with password protection
Internal Storage	M.2 SATA III 64 GB SSD
Security	Trusted Platform Module 2.0
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%
Features	Smart Out-of-Band, Modern CLI/GUI/REST API, IPv4/IPv6 Networking, Serial Port Logging
Security, Encryption & Authentication	
	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	OM22xx-L - Sierra Wireless EM7565
Speed	CAT12
Coverage	Global LTE-A Support
Certifications	
Cellular	PTCRB, GCF, Verizon and AT&T
Emissions	EN55032: 2015 Class A
Immunity	EN61000-4-2, -4-3:2006+A1: 2006+A2:2010, -4-4: 2007, -4-5: 2014, -4-6:2008, -4-8: 2009, -4-11: 2010, -4-28: 2010 EN61000-3-2: 2014, EN61000-3-3: 2013
Other Agency Approvals	IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013 EN60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 100,000 hours
Warranty	4 Years Hardware and Support

Available Models

Port Density	2 x 10/100/1000 Ethernet/SFP Fiber port	Cellular
16 Serial Port Models		
OM2216	Yes	
OM2216-L	Yes	Yes
32 Serial Port Models		
OM2232	Yes	
OM2232-L	Yes	Yes
48 Serial Port Models		
OM2248	Yes	
OM2248-L	Yes	Yes

Package Checklist

- Operations Manager OM2200
- 2 x Country-specific A/C Power Cords
- 1 x Rack Mount Kit (590037)
- 1 x CAT5 Cable 6'
- 1 x DB9F – RJ45 Crossover (319015)
- Quick Start Guide

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
	440016	Cable - Straight through CAT5 - 6' length
Mounting	590037	Rack Mount Kit - Ears and Screws
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-OM22	Warranty OM2200 (Extends to 5th year warranty)
OGEXTWAR6-OM22	Warranty OM2200 (Extends to 6th year warranty)