

OM2200 Operations Manager

Supporting the NetOps Automation Platform



Provisioning and Automation Appliance supporting NetOps workflows as part of the NetOps Automation™ Platform, utilizing Lighthouse 5 Centralized Management software.

Features

- NetOps Modules enable critical functionality at the edge
- Automated and centrally orchestrated Day-One Provisioning
- Vendor Neutral, open architecture: Git, Docker, Ansible
- Python, Ruby, Pearl and bash runtime environments



Console Specifications	
Console Ports	OM2216 – 16 x RJ45 RS-232 Software Selectable Console Ports OM2224-24E – 24 x RJ45 RS-232 Software Selectable Console Ports and 24 x RJ45 Gigabit Switch OM2248 – 48 x RJ45 RS-232 Software Selectable Console Ports
Interface	
Ethernet Ports	2 x 10/100/1000 Ethernet/SFP Fiber port OM22xx-10G - 1 x 10/100/1000 Ethernet 1 x 10G SFP+
Console Ports	Software Selectable 50 to 230,400 bps
Serial Ports	24 x RJ45 RS-232 Software Selectable Console Ports and 24 x 10/100/1000 RJ45 Port Switch
USB	8 x USB 2.0 ports for console and storage
Power Requirements	
Dual AC	Dual socket universal 100-240V AC
Power Consumption	Less than 45W
Cooling	Serial - Passive cooling Switch Models - Forced Dual Fan
Physical Dimensions	
Dimensions and Weight	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
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, -20°F to +140°F
Humidity	5% to 90%
Features	
	Responsive GUI SSH/WebGUI Serial Access Serial Port Logging Per IP Serial Port Aliases
	IPv4/IPv6 Networking NTP LDAP
Security, Encryption & Authentication	
	AAA - TACACS+ SSH Embedded Firewall OpenVPN - Lighthouse Connection
Automation & Scalability	
	Opengear NetOps Modules Docker support Python and Ruby
	Pearl and bash support ZTP SNMP-Standard MIBs
Cellular	
Modules	OM22xx-L - Sierra Wireless EM7565
Speed	CAT12
Coverage	Global LTE-A Support
Certifications	
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
MTBF	100,000 hours
Warranty	4 Years Hardware and Support

Available Models

OM22xx Models

Port Density	2 x 10/100/1000 Ethernet/SFP Fiber port	1 x 10G SFP+, 1 x Gigabit Ethernet	Cellular
16 Serial Port Models			
OM2216	Yes		
OM2216-L	Yes		Yes
OM2216-10G		Yes	
OM2216-10G-L		Yes	Yes
48 Serial Port Models			
OM2248	Yes		
OM2248-L	Yes		Yes
OM2248-10G		Yes	
OM2248-10G-L		Yes	Yes
24 Serial Port Models with 24 Port Gigabit Switch			
OM2224-24E	Yes		
OM2224-24E-L	Yes		Yes
OM2224-24E-10G		Yes	
OM2224-24E-10G-L		Yes	Yes

Package Checklist

- Operations Manager OM2200
- OM2200 Rack Mount Kit – Two ears and screws (Part# 590037)
- Power cords for AC models only
- 2 x CAT5 Patch Cable 5' (Part# 440016)
- Quick Start Guide