



## Product Catalog

Valid 7/01/2021 – 9/30/2021

Contact: [Support@opengear.com.cn](mailto:Support@opengear.com.cn)

# OM 2200 Series

## NetOps Console Server



Opengear OM appliances are NetOps Console Servers – Network Management appliances that combine the capabilities of a *Smart OOB™* Console Server with the flexibility of NetOps Automation.

The OM2200 NetOps Console Server, managed through our Lighthouse software, is configured for data centers and high-density locations. As part of Opengear's Network Resilience Platform, it provides a separate, secure management plane that supports advanced automation applications.

- 16, 32 and 48 Serial port NetOps console server
- Mixed port models available: 24 ports serial + 24 ports Ethernet
- Eight USB 2.0 and two USB 3.0 ports
- x86 platform supporting Python, Docker, and Network Automation
- 8GB memory / 64GB SSD storage
- TPM 2.0 embedded physical security
- RS-232 Software Selectable serial ports with automated port discovery
- Managed networking with VLAN and Routing support
- NetOps Automation with Smart Out-Of-Band
- Dimensions: 1RU 440 x 250 x 44.5 mm - 3.6 Kg
- Operating Temperature: -5°C to 50°C / 41°F to 122°F
- Warranty: Four-year warranty standard, optional 5th and 6th year

SKU	Device Ports		Host Ports			List Price
	Serial Ports	1GbE Switch Ports	1GbE	10GbE SFP+ (10G only)	Global Cellular 4G LTE-A Pro	
OM2216-US/EU/UK/JP/AU	16	-	2x (RJ45   SFP)	-	-	\$3,762.00
OM2216-L-US/EU/UK/JP/AU	16	-	2x (RJ45   SFP)	-	Yes	\$4,562.00
OM2224-24E-US/EU/UK/JP/AU	24	24x 1GbE RJ45	2x (RJ45   SFP)	-	-	\$5,362.00
OM2224-24E-L-US/EU/UK/JP/AU	24	24x 1GbE RJ45	2x (RJ45   SFP)	-	Yes	\$6,162.00
OM2224-24E-10G-US/EU/UK/JP/AU	24	24x 1GbE RJ45	1x RJ45	2x SFP+	-	\$5,862.00
OM2224-24E-10G-L-US/EU/UK/JP/AU	24	24x 1GbE RJ45	1x RJ45	2x SFP+	Yes	\$6,662.00
OM2232-US/EU/UK/JP/AU	32	-	2x (RJ45   SFP)	-	-	\$4,262.00
OM2232-L-US/EU/UK/JP/AU	32	-	2x (RJ45   SFP)	-	Yes	\$5,056.00
OM2248-US/EU/UK/JP/AU	48	-	2x (RJ45   SFP)	-	-	\$5,362.00
OM2248-L-US/EU/UK/JP/AU	48	-	2x (RJ45   SFP)	-	Yes	\$6,162.00
OM2248-10G-US/EU/UK/JP/AU	48	-	1x RJ45	2x SFP+	-	\$5,862.00
OM2248-10G-L-US/EU/UK/JP/AU	48	-	1x RJ45	2x SFP+	Yes	\$6,662.00

- Global Cellular Frequency:
  - 4G LTE B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
  - 3G B1, B2, B4, B5, B6, B8, B9, B19
- Power cables shipped are based on -US, -EU, -UK, -JP, or -AU suffix of the SKU. Additional details are in the "[Power Cables](#)" section of this catalog

Included with unit		
Part Number	Quantity	Description
OM22xx	1	OM22xx Unit
4400xx	2	Power cable - IEC C13, 1.8m, black
440016	1	Cat5 Straight Cable 6'
319015	1	Straight (X2) pinout RJ45 to DB9F crossover serial adapter
590037	1	Rack Mount Kit – (Ears and Screws)
520109	1	Quick Start Postcard
Also included with cellular -L units		
Part Number	Quantity	Description
569041	2	Antenna – Blade LTE-A Pro w/ swivel base (for -L Devices)
449041	1	Antenna Base – 10' w/ Magnetic Base – SMA Connector

- Optional accessory [compatibility table](#) is listed near the end of this catalog



# OM1200 Series

## NetOps Console Server

The compact OM1200 appliance is designed specifically for secure edge deployments, used in combination with Lighthouse Management Software. Combining the secure access of *Smart OOB™* with the flexibility of NetOps automation tools, it provides the Presence & Proximity at every location that supports emerging requirements in Network Management and Automation.

- 4 or 8 Serial port NetOps console server
- Mixed port models available: 4 or 8 ports serial + 4 or 8 ports Ethernet
- Four USB ports (Two USB 3.0 and two USB 2.0)
- x86 platform supporting Python, Docker, and Network Automation
- 2GB or 4GB memory / 16GB SSD storage
- TPM 2.0 embedded physical security
- RS-232 Cisco Straight (X2) Pinout Serial Ports
- Managed networking with VLAN and Routing support
- NetOps Automation with Smart Out-Of-Band
- Dimensions: 1RU half width – 220 x 184 x 44.5 mm - 1.4 Kg
- Operating Temperature: -5°C to 50°C / 41°F to 122°F
- Warranty: Four-year warranty standard, optional 5th and 6th year

SKU	Device Ports		Host Ports	Memory	Global Cellular 4G LTE-A Pro	List Price
	Serial Ports	1GbE Switch Ports	1GbE Ports			
OM1204	4	-	2x RJ45	2GB	-	\$1,229.00
OM1204-L	4	-	2x RJ45	2GB	Yes	\$1,799.00
OM1204-4E	4	4	2x (RJ45   SFP)	4GB	-	\$1,649.00
OM1204-4E-L	4	4	2x (RJ45   SFP)	4GB	Yes	\$2,199.00
OM1208	8	-	2x RJ45	2GB	-	\$1,499.00
OM1208-L	8	-	2x RJ45	2GB	Yes	\$2,199.00
OM1208-8E	8	8	2x (RJ45   SFP)	4GB	-	\$2,292.00
OM1208-8E-L	8	8	2x (RJ45   SFP)	4GB	Yes	\$3,000.00

- Global Cellular Frequency:
  - 4G LTE B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
  - 3G B1, B2, B4, B5, B6, B8, B9, B19

Included with unit		
Part Number	Quantity	Description
OM12xx	1	OM12xx Unit
450038	1	Universal AC Power Supply
440016	1	Cat5 Straight Cable 6'
319015	1	Straight (X2) pinout RJ45 to DB9F straight serial adapter
590054	1	External rack mount ear with hardware
370003	4	Rubber Feet
520109	1	Quick Start Postcard
Also included with cellular (-L) units		
Part Number	Quantity	Description
569041	2	Antenna – Blade LTE-A Pro w/ swivel base (for -L Devices)
449041	1	Antenna Base – 10' w/ Magnetic Base – SMA Connector

- Optional accessory [compatibility table](#) is listed near the end of this catalog



# IM7200 Series

## Infrastructure Manager

In data centers and large IT deployments, the Infrastructure Manager allows network operations staff to securely access critical network devices from the control room or Network Operations Center (NOC).

Smart Out-of-Band, provides a physical connection to your network devices, managed via a secure remote link. Reduce your reliance on third-party remote hands for configuration, power cycling and many standard processes. And with Lighthouse management software, the Out-of-band network can be orchestrated through a centralized portal.

- 8, 16, 32 and 48 Serial port Smart Out-Of-Band console server
- Mixed port models available: 24 Ports Ethernet or 24 Ports USB Console
- v.92 Analog modem
- RESTful API, programmable and extensible
- 2GB memory / 16GB storage
- FIPS 140-2 compliant OpenSSL cryptographic module
- RS-232 Software Selectable serial ports
- Environmental monitoring available
- Dual A/C or Dual D/C Power Supplies
- Dimensions: 1RU 440 x 260 x 43 mm - 3.4 Kg
- Operating Temperature: -5°C to 50°C / 41°F to 122°F
- Warranty: Four-year warranty standard, optional 5th and 6th year

Part Number -Dual AC power	Serial Ports	4G LTE Cellular	List Price
IM7208-2-DAC-US/EU/UK/JP/AU/CN	8	-	\$2,725.00
IM7208-2-DAC-LMA-US	8	AT&T	\$3,525.00
IM7208-2-DAC-LMV-US	8	Verizon	\$3,525.00
IM7208-2-DAC-LMCT-US	8	4G LTE TELUS	\$3,525.00
IM7208-2-DAC-LMCB-US	8	4G LTE Bell Mobility	\$3,525.00
IM7208-2-DAC-LMCR-US	8	4G LTE Rogers	\$3,525.00
IM7208-2-DAC-LR-US/EU/UK/JP/AU	8	ROW	\$3,525.00
IM7208-2-DAC-LMP-US/EU/UK/JP/AU	8	APAC	\$3,525.00
<b>16 Serial Ports</b>			
IM7216-2-DAC-US/EU/UK/JP/AU/CN	16	-	\$3,485.00
IM7216-2-DAC-LMA-US	16	AT&T	\$4,285.00
IM7216-2-DAC-LMV-US	16	Verizon	\$4,285.00
IM7216-2-DAC-LMCT-US	16	4G LTE TELUS	\$4,285.00
IM7216-2-DAC-LMCB-US	16	4G LTE Bell Mobility	\$4,285.00
IM7216-2-DAC-LMCR-US	16	4G LTE Rogers	\$4,285.00
IM7216-2-DAC-LR-US/EU/UK/JP/AU	16	ROW	\$4,285.00
IM7216-2-DAC-LMP-US/EU/UK/JP/AU	16	APAC	\$4,285.00
<b>32 Serial Ports</b>			
IM7232-2-DAC-US/EU/UK/JP/AU/CN	32	-	\$4,145.00
IM7232-2-DAC-LMA-US	32	AT&T	\$4,945.00
IM7232-2-DAC-LMV-US/EU/AU	32	Verizon	\$4,945.00
IM7232-2-DAC-LMCT-US	32	4G LTE TELUS	\$4,945.00
IM7232-2-DAC-LMCB-US	32	4G LTE Bell Mobility	\$4,945.00
IM7232-2-DAC-LMCR-US	32	4G LTE Rogers	\$4,945.00
IM7232-2-DAC-LR-US/EU/UK/JP/AU	32	ROW	\$4,945.00
IM7232-2-DAC-LMP-US/EU/UK/JP/AU	32	APAC	\$4,945.00
<b>48 Serial Ports</b>			
IM7248-2-DAC-US/EU/UK/JP/AU/CN	48	-	\$4,985.00
IM7248-2-DAC-LMA-US	48	AT&T	\$5,795.00
IM7248-2-DAC-LMV-US/EU	48	Verizon	\$5,795.00
IM7248-2-DAC-LMCT-US	48	4G LTE TELUS	\$5,795.00
IM7248-2-DAC-LMCB-US	48	4G LTE Bell Mobility	\$5,795.00
IM7248-2-DAC-LMCR-US	48	4G LTE Rogers	\$5,795.00
IM7248-2-DAC-LR-US/EU/UK/JP/AU	48	Rest of World	\$5,795.00
IM7248-2-DAC-LMP-US/EU/UK/JP/AU	48	APAC	\$5,795.00
<b>16 Serial, 24 Ethernet</b>			
IM7216-2-24E-DAC-US/EU/UK/JP/AU	16 Serial, 24 Ethernet	-	\$4,205.00
IM7216-2-24E-DAC-LMA-US	16 Serial, 24 Ethernet	AT&T	\$4,905.00
IM7216-2-24E-DAC-LMV-US	16 Serial, 24 Ethernet	Verizon	\$4,905.00
IM7216-2-24E-DAC-LR-US/EU/UK/AU	16 Serial, 24 Ethernet	Rest of World	\$4,905.00
IM7216-2-24E-DAC-LMP-US/EU/UK/JP/AU	16 Serial, 24 Ethernet	APAC	\$4,905.00

IM7216-2-24U-DAC-US/EU/UK/JP/AU	16 Serial, 24 USB	-	\$4,205.00
IM7216-2-24U-DAC-LMA-US	16 Serial, 24 USB	AT&T	\$4,905.00
IM7216-2-24U-DAC-LMV-US	16 Serial, 24 USB	Verizon	\$4,905.00
IM7216-2-24U-DAC-LMCT-US	16 Serial, 24 USB	4G LTE TELUS	\$4,905.00
IM7216-2-24U-DAC-LMCB-US	16 Serial, 24 USB	4G LTE Bell Mobility	\$4,905.00
IM7216-2-24U-DAC-LMCR-US	16 Serial, 24 USB	4G LTE Rogers	\$4,905.00
IM7216-2-24U-DAC-LR-US/EU/UK/JP/AU	16 Serial, 24 USB	Rest of World	\$4,905.00
IM7216-2-24U-DAC-LMP-US/EU/UK/JP/AU	16 Serial, 24 USB	APAC	\$4,905.00

- Power cables shipped are based on -US, -EU, -UK, -JP, or -AU suffix of the SKU. Additional details are in the [“Power Cables”](#) section of this catalog

Part Number – Dual DC power	Serial Ports	4G LTE Cellular	List Price
IM7208-2-DDC	8	-	\$3,105.00
IM7208-2-DDC-LMA	8	AT&T	\$3,915.00
IM7208-2-DDC-LMV	8	Verizon	\$3,915.00
IM7208-2-DDC-LMCT	8	4G LTE TELUS	\$3,915.00
IM7208-2-DDC-LMCB	8	4G LTE Bell Mobility	\$3,915.00
IM7208-2-DDC-LMCR	8	4G LTE Rogers	\$3,915.00
IM7208-2-DDC-LR	8	Rest of World	\$3,915.00
IM7208-2-DDC-LMP	8	APAC	\$3,915.00
<b>16 Serial Ports</b>			
IM7216-2-DDC	16	-	\$3,845.00
IM7216-2-DDC-LMA	16	AT&T	\$4,645.00
IM7216-2-DDC-LMV	16	Verizon	\$4,645.00
IM7216-2-DDC-LMCT	16	4G LTE TELUS	\$4,645.00
IM7216-2-DDC-LMCB	16	4G LTE Bell Mobility	\$4,645.00
IM7216-2-DDC-LMCR	16	4G LTE Rogers	\$4,645.00
IM7216-2-DDC-LR	16	Rest of World	\$4,645.00
IM7216-2-DDC-LMP	16	APAC	\$4,645.00
<b>32 Serial Ports</b>			
IM7232-2-DDC	32	-	\$4,525.00
IM7232-2-DDC-LMA	32	AT&T	\$5,325.00
IM7232-2-DDC-LMV	32	Verizon	\$5,325.00
IM7232-2-DDC-LMCT	32	4G LTE TELUS	\$5,325.00
IM7232-2-DDC-LMCB	32	4G LTE Bell Mobility	\$5,325.00
IM7232-2-DDC-LMCR	32	4G LTE Rogers	\$5,325.00
IM7232-2-DDC-LR	32	Rest of World	\$5,325.00
IM7232-2-DDC-LMP	32	APAC	\$5,325.00
<b>48 Serial Ports</b>			
IM7248-2-DDC	48	-	\$5,385.00
IM7248-2-DDC-LMA	48	AT&T	\$6,195.00
IM7248-2-DDC-LMV	48	Verizon	\$6,195.00
IM7248-2-DDC-LMCT	48	4G LTE TELUS	\$6,195.00
IM7248-2-DDC-LMCB	48	4G LTE Bell Mobility	\$6,195.00
IM7248-2-DDC-LMCR	48	4G LTE Rogers	\$6,195.00
IM7248-2-DDC-LR	48	Rest of World	\$6,195.00
IM7248-2-DDC-LMP	48	APAC	\$6,195.00
<b>16 Serial, 24 Ethernet</b>			
IM7216-2-24E-DDC	16 Serial, 24 Ethernet	-	\$4,965.00
IM7216-2-24E-DDC-LMV / LMA / LMP	16 Serial, 24 Ethernet	Verizon / AT&T / APAC	\$5,290.00

- DDC units do ship with power cables therefore, there are no -UK, -US, -JP, or -AU DDC part numbers
- Cellular band support details are in the [“Cellular Bands”](#) section of this catalog

Included with unit		
Part Number	Quantity	Description
IM72xx	1	IM72xx Unit
4400xx	2	Power cable - IEC C13, 1.8m, black
440016	1	Cat5 Straight Cable 6'
319015	1	Straight (X2) pinout RJ45 to DB9F crossover serial adapter
590001	1	Rack Mount Kit – (Ears and Screws)
520062	1	IM7200 Quick Start Guide
Also included with cellular -Lxx units		
Part Number	Quantity	Description
569028	2	Antenna – 4G LTE Blade 5”
449041	1	Antenna Base – 10' w/ Magnetic Base – SMA Connector

- Optional accessory [compatibility table](#) is listed near the end of this catalog

# CM7100 Series

## Console Server



A standard console server for data centers and large compute locations, the CM7100 offers 16-96 serial console ports with simple straight-through cabling to Cisco®-style serial consoles.

Each unit has dual GbE ethernet connections, and interfaces with the Lighthouse Centralized Management platform. Cellular access is not available on the CM7100 unit. For high-density applications such as hyperscale locations, the CM7196 model offers 96 console ports in a 1U configuration.

- 16, 32, 48 and 96 Serial port Smart Out-Of-Band console server
- High density with up to 96 Ports in 1 RU form factor
- Cost effective and best value per port for console management
- RESTful API, programmable and extensible
- 256MB memory / 4GB storage (2GB memory / 64GB storage in CM7196A)
- FIPS 140-2 compliant OpenSSL cryptographic module
- RS-232 Cisco Straight (X2) Pinout Serial Ports
- Environmental monitoring available
- Single or Dual AC power supplies
- Dimensions: 1RU 440 x 184 x 43 mm - 2.6 Kg
- Operating Temperature: -5°C to 50°C / 41°F to 122°F
- Warranty: Four-year warranty standard, optional 5th and 6th year

Part Number	Power	RS-232 Serial	Internal Storage	Ethernet 10/100/1000	List Price
CM7116-2-SAC-US/EU/UK/JP/AU/CN	Single AC	16	4GB	2x RJ45	\$1,965.00
CM7116-2-DAC-US/EU/UK/JP/AU/CN	Dual A/C	16	4GB	2x RJ45	\$2,335.00
CM7132-2-DAC-US/EU/UK/JP/AU/CN	Dual A/C	32	4GB	2x RJ45	\$3,085.00
CM7148-2-SAC-US/EU/UK/JP/AU	Single AC	48	4GB	2x RJ45	\$3,205.00
CM7148-2-DAC-US/EU/UK/JP/AU/CN	Dual A/C	48	4GB	2x RJ45	\$3,905.00
CM7196A-2-DAC-US/EU/UK/JP/AU	Dual A/C	96	64GB	2x RJ45 and SFP	\$7,100.00

- Power cables shipped are based on -US, -EU, -UK, -JP, or -AU suffix of the SKU. Additional details are in the [“Power Cables”](#) section of this catalog

Included with unit		
Part Number	Quantity	Description
CM71xx	1	CM71xx Unit
4400xx	2	Power cable - IEC C13, 1.8m, black
440016	1	Cat5 Straight Cable 6'
319015	1	Straight (X2) pinout RJ45 to DB9F crossover serial adapter
590001	1	Rack Mount Kit – (Ears and Screws)
370003	4	Rubber Feet
520109	1	Quick Start Postcard

- Optional accessory [compatibility table](#) is listed near the end of this catalog

# ACM7000 Series

## Resilience Gateway



For small IT deployments at edge locations, the Resilience Gateway provides secure remote access to your critical devices via *Smart Out-of-Band* management. An embedded, global 4G-LTE cellular modem offers an alternate path when the primary link is unavailable.

Connect devices directly to this small form-factor console server with 4 or 8 serial and 4 USB ports, providing always-on access to your remote networking equipment. Every model includes 4GB internal memory. Options include a 4-port GbE switch and models without the cellular modem.

Part of the Opengear Network Resilience Platform, the ACM7000 Resilience Gateway with Lighthouse management software and *Failover to Cellular™* is used at small Retail locations, Bank branches/ATMs, regional offices, and other remote locations where business continuity is critical.

- 4 or 8 Serial port Smart Out-Of-Band console server
- Mixed port model available 4 ports serial + 4 ports Ethernet
- Four USB 2.0 ports
- RESTful API, programmable and extensible
- 256MB memory / 4GB storage
- FIPS 140-2 compliant OpenSSL cryptographic module
- RS-232 Cisco Straight (X2) Pinout Serial Ports
- Environmental monitoring available
- Compact appliance, ships with universal AC power adapter
- Dimensions: Compact 130 x 120 x 36 mm - 0.7 Kg
- Operating Temperature: -25°C to 60°C / -13°F to 140°F
- Warranty: Four-year warranty standard, optional 5th and 6th year

Part Number	Serial	Ethernet 10/100/1000	Fiber 1G SFP	Dial-up Modem	List Price
ACM7004-2	4	2			\$735.00
ACM7004-2-M	4	2		■	\$845.00
ACM7004-5	4	5	single		\$955.00
ACM7008-2	8	2			\$885.00
ACM7008-2-M	8	2	dual	■	\$1,075.00

Part Number	Serial	Ethernet 10/100/1000	Fiber 1G SFP	4G LTE Cellular	List Price
ACM7004-2-L	4	2		Global Cellular 4G LTE-A Pro	\$1,207.00
ACM7004-2-LMP	4	2		4G LTE APAC	\$1,207.00
ACM7004-5-L	4	5	single	Global Cellular 4G LTE-A Pro	\$1,567.00
ACM7004-5-LMP	4	5	single	4G LTE APAC	\$1,567.00
ACM7008-2-L	8	2		Global Cellular 4G LTE-A Pro	\$1,547.00
ACM7008-2-LMP	8	2		4G LTE APAC	\$1,547.00

- Cellular band support details are in the "[Cellular Bands](#)" section of this catalog

Included with unit		
Part Number	Quantity	Description
ACM700x	1	ACM700x Unit
450037	1	Power Supply 12VDC Four Chamber Square Connector
319015	1	Straight (X2) pinout RJ45 to DB9F crossover serial adapter
590003	1	Rack Mount Kit (One ear and screws)
319225	1	Terminal block, 8-pin for Environmental sensors
370003	4	Rubber Feet
520109	1	Quick Start Postcard

Also included with cellular -L / -LMP units		
Part Number	Quantity	Description
569041	2	Antenna – Blade LTE-A Pro w/ swivel base (for -L Devices)
569028	2	Antenna – 4G LTE Blade (for -LMP Devices)
590051	1	Cellular Extension Kit

- Optional accessory [compatibility table](#) is listed near the end of this catalog

# China CCC Certified Devices

## CM7100

Part Number	Power	RS-232 Serial	Internal Storage	USB 2.0 Ports	Ethernet 10/100/1000	List Price
CM7116-2-SAC-CN	Single AC	16	4GB	2	2x RJ45	\$1,965.00
CM7116-2-DAC-CN	Dual A/C	16	4GB	2	2x RJ45	\$2,335.00
CM7132-2-DAC-CN	Dual A/C	32	4GB	2	2x RJ45	\$3,085.00
CM7148-2-DAC-CN	Dual A/C	48	4GB	2	2x RJ45	\$3,905.00

## IM7200 Series

Part Number	Power	RS-232 Serial	Internal Storage	USB 2.0 Ports	Ethernet/SFP 10/100/1000	List Price
IM7208-2-DAC-CN	Dual A/C	8	16GB	2	2x (RJ45   SFP)	\$2,725.00
IM7216-2-DAC-CN	Dual A/C	16	16GB	2	2x (RJ45   SFP)	\$3,485.00
IM7232-2-DAC-CN	Dual A/C	32	16GB	2	2x (RJ45   SFP)	\$4,145.00
IM7248-2-DAC-CN	Dual A/C	48	16GB	2	2x (RJ45   SFP)	\$4,985.00

-CN models do not include power cables. Use part number 440053 to order optional China power cables



# Lighthouse Management Software



Lighthouse software manages all of your network devices via connected console servers at each location. As an API-driven platform with an HTML5 interface, it provides secure access to remote networks regardless of how they are connected or how a user interacts with the system. In combination with NetOps Console Servers, Lighthouse can push and manage Docker containers to each remote location to provide additional functionality and automation.

When deployed across a distributed enterprise of data centers and edge locations, Lighthouse is the control center of a comprehensive Network Resilience Platform, independent of the production network.

		PER NODE PRICING
Part Number	Description	List Price
ENTLH0001	Lighthouse Enterprise Subscription 1 Year Per Node Price for 1 – 5 Nodes	\$195.00
ENTLH0006	Lighthouse Enterprise Subscription 1 Year Per Node Price for 6 – 49 Nodes	\$180.00
ENTLH0050	Lighthouse Enterprise Subscription 1 Year Per Node Price for 50 – 99 Nodes	\$110.00
ENTLH0100	Lighthouse Enterprise Subscription 1 Year Per Node Price for 100 – 499 Nodes	\$75.00
ENTLH0500	Lighthouse Enterprise Subscription 1 Year Per Node Price for 500 – 999 Nodes	\$37.00
ENTLH1000	Lighthouse Enterprise Subscription 1 Year Per Node Price for 1000 – 2499 Nodes	\$27.00
ENTLH2500	Lighthouse Enterprise Subscription 1 Year Per Node Price for 2500+ Nodes	\$17.00
ENTLH0001-3Y	Lighthouse Enterprise Subscription 3 Year Per Node Price for 1 – 5 Nodes	\$525.00
ENTLH0006-3Y	Lighthouse Enterprise Subscription 3 Year Per Node Price for 6 – 49 Nodes	\$486.00
ENTLH0050-3Y	Lighthouse Enterprise Subscription 3 Year Per Node Price for 50 – 99 Nodes	\$297.00
ENTLH0100-3Y	Lighthouse Enterprise Subscription 3 Year Per Node Price for 100 – 499 Nodes	\$203.00
ENTLH0500-3Y	Lighthouse Enterprise Subscription 3 Year Per Node Price for 500 – 999 Nodes	\$100.00
ENTLH1000-3Y	Lighthouse Enterprise Subscription 3 Year Per Node Price for 1000 – 2499 Nodes	\$73.00
ENTLH2500-3Y	Lighthouse Enterprise Subscription 3 Year Per Node Price for 2500+ Nodes	\$46.00
Part Number	Description	List Price
AE-ENTLH0001	Lighthouse Enterprise: Automation Edition Subscription 1 Year Per Node Price for 1 – 5 Nodes	254.00
AE-ENTLH0006	Lighthouse Enterprise: Automation Edition Subscription 1 Year Per Node Price for 6 – 49 Nodes	234.00
AE-ENTLH0050	Lighthouse Enterprise: Automation Edition Subscription 1 Year Per Node Price for 50 – 99 Nodes	143.00
AE-ENTLH0100	Lighthouse Enterprise: Automation Edition Subscription 1 Year Per Node Price for 100 – 499 Nodes	98.00
AE-ENTLH0500	Lighthouse Enterprise: Automation Edition Subscription 1 Year Per Node Price for 500 – 999 Nodes	48.00
AE-ENTLH1000	Lighthouse Enterprise: Automation Edition Subscription 1 Year Per Node Price for 1000 - 2499 Nodes	35.00
AE-ENTLH2500	Lighthouse Enterprise: Automation Edition Subscription 1 Year Per Node Price for 2500+ Nodes	22.00
AE-ENTLH0001-3Y	Lighthouse Enterprise: Automation Edition Subscription 3 Year Per Node Price for 1 – 5 Nodes	682.00
AE-ENTLH0006-3Y	Lighthouse Enterprise: Automation Edition Subscription 3 Year Per Node Price for 6 – 49 Nodes	632.00
AE-ENTLH0050-3Y	Lighthouse Enterprise: Automation Edition Subscription 3 Year Per Node Price for 50 – 99 Nodes	386.00
AE-ENTLH0100-3Y	Lighthouse Enterprise: Automation Edition Subscription 3 Year Per Node Price for 100 – 499 Nodes	264.00
AE-ENTLH0500-3Y	Lighthouse Enterprise: Automation Edition Subscription 3 Year Per Node Price for 500 – 999 Nodes	130.00
AE-ENTLH1000-3Y	Lighthouse Enterprise: Automation Edition Subscription 3 Year Per Node Price for 1000 - 2499 Nodes	95.00
AE-ENTLH2500-3Y	Lighthouse Enterprise: Automation Edition Subscription 3 Year Per Node Price for 2500+ Nodes	60.00

## Automation Edition adds Secure Provisioning and Automation Gateway features to Lighthouse Enterprise

### Secure Provisioning:

Remotely provision new network devices via a connected Opengear console server. Allowing you to not only bootstrap an entire network, but also do in-line replacement of failed equipment, all without an on-site engineer.

### Automation Gateway:

Provides users and automation code the ability to discover and manage IP-based management interfaces via the Opengear management system, with the same level of simplicity and efficiency as if they were serial consoles. Delivering client free access from your web browser to your remote device management interfaces.








# Environmental Monitoring





The Opengear EMD5000 environmental monitoring device plugs into the serial ports on our console servers and enables you to remotely monitor environmental conditions using a standard Web browser.

Not available on the OM Series appliances.

- Comes with Temperature and Humidity
- Measures temperatures between 0 and 80°C with an accuracy of +/- 1° C
- Measures relative humidity between 10 and 90% RH with an accuracy of +/- 5%
- Dimensions: 58 x 38 x 29 mm - 57 g
- Connects up to two dry contact sensors (see below)
- One year warranty

Part Number	Pinout	Compatible Models	List Price
EMD5000-01	-X1 (Cyclades)	All IM7200 Series	\$287.00
EMD5000-02	-X2 (Cisco)	All ACM7000 Models All CM7100 Models * The EMD5000-02 unit has internal temperature / humidity but can only have one external dry contact (not two)	\$287.00
EMD5890-QA		Smoke Detector / Alarm 110V AC	\$187.00
EMD5780		Water Leak Detector – 3' Cable length	\$197.00
EMD5781-10		Door Contact Sensor – 10' Cable length	\$16.00
EMD5782		Vibration Sensor – 3' Cable length	\$60.00
EMD5779-QA		Smoke Detector / Alarm 220V AC	\$187.00

# Certified Cellular Accessories






Part Number	Photo	Description	List Price
569008		GPS Antenna – Passive – 3dB, SMA Male Connector, 6' Cable length	\$48.00
449041		Antenna Base – 10' w/ Magnetic Base – SMA Connectors – (Antenna not included)	\$29.00
569028		Antenna – 4G LTE Blade - 6.25" (Standard on IM7200 -LMx and ACM7000 -LMP models)	\$28.00
569041		Antenna - Blade LTE-A Pro with swivel base (Standard on ACM7000-L and OM1200-L models)	\$28.00

SIM slots for all cellular models is the same. SIM card dimensions are: .98 in x .59 in (25mm x 15mm) – Mini 2FF

## Cellular Bands

Cellular Modem	Carrier / Region	Frequency bands
-L	Global Multi carrier	4G LTE B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66 3G B1, B2, B4, B5, B6, B8, B9, B19
-LMV	Verizon	4G LTE - B2, B4, B5, B13, B17, B25 3G WCDMA - B1, B2, B4, B5, B8 EVDO - BC0, BC1, BC10
-LMA	AT&T	
-LMCB	Bell Canada	
-LMCR	Rogers Wireless	
-LMCT	TELUS	
-LR	EMEA	LTE - B1, B3, B7, B8, B20 WCDMA - B1, B2, B5, B8
-LMP	APAC	4G LTE B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B4 3G WCDMA B1, B5, B6, B8, B9, B19 TD-SCDMA B39
-LMS	Sprint	4G LTE B2, B4, B5, B13, B17, B25 3G WCDMA B1, B2, B4, B5, B8 EVDO BC0, BC1, BC10 EDGE, GSM, GPRS 850, 900, 1800, 1900 CDMA BC0, BC1, BC10

# Power Accessories

Part Number	Photo	Description	List Price
450038		OM1200 External AC Power Adapter, universal input, output barrel connector. One universal AC power adapter is included with every OM1200 unit	\$91.00
450036		OM1200 External AC Power Adapter, universal input, output barrel connector for use with OM1200 - <u>IEC power cable (4400xx) NOT included</u>	\$91.00
450037		ACM7000 External AC Power Adapter, universal input, output 4-pin connector. One universal AC power adapter is included with every ACM7000 unit	\$61.00
450039		ACM7000 External AC power adapter, input IEC C13/C14, output 4-pin connector - <u>IEC power cable (4400xx) NOT included</u>	\$61.00
450041		ACM7000 Power Supply kit - External DC to DC converter accepting voltage input range from 36v DC to 72v DC - kit includes a 5-foot cables with a 4-Pin connector.	\$119.00

# Power Cables

All power cables are 6 feet / 1.83m long and rated for 10 Amps.

Part Number	Photo	Description	List Price
440001		-US NEMA 5-15 to C13, Type B	\$9.00
440013		-EU Europe Angled CEE7/7 to C13, Type F/C	\$9.00
440015		-UK UK BS1363, Type G	\$9.00
440002		-AU Australia AS3112 to C15, Type I	\$9.00
440014		-JP Japan JISC8303 to C13, Type B-PSE	\$9.00
440053		-CN China GB2099 to C13, Type GB2099	\$9.00
440055		IEC C14 to C13 10A 6 Power Cable	\$9.00

# Connectivity Accessories

Category	Part Number	Description	Price	ACM7000	CM7100	IM7200	OM1200	OM2200
Ethernet	440016	Cat5 Straight Ethernet Cable 6'	\$7.00	X	X	X	X	X
Ethernet	569023	SX SFP - 550m range, 850nm Multimode	\$113.00	X		X	X	X
Ethernet	569024	LX/LH SFP - 2km range, 1310nm Multimode	\$259.00	X		X	X	X
Ethernet	569025	LX/LH SFP - 10km range, 1310nm Singlemode	\$155.00	X		X	X	X
Ethernet	569026	EX SFP - 40km range, 1310nm Singlemode	\$388.00	X		X	X	X
Serial	319014	Straight (X2) pinout RJ45 to DB9F straight serial adapter	\$9.00	X	X	X	X	X
Serial	319015	Straight (X2) pinout RJ45 to DB9F crossover serial adapter	\$9.00	X	X	X	X	X
Serial	319016	Straight (X2) pinout RJ45 to DB9M straight serial adapter	\$9.00	X	X	X	X	X
Serial	319017	Rolled (X1) pinout RJ45 to DB9F straight serial adapter	\$9.00			X		X
Serial	319018	Rolled (X1) pinout RJ45 to DB9F crossover serial adapter	\$9.00			X		X
Serial	319019	Rolled (X1) pinout RJ45 to DB9M straight serial adapter	\$9.00			X		X
Cellular	449041	Antenna Base - 10' w/ Magnetic Base - SMA Connectors	\$29.00	X		X	X	X
Cellular	569008	Antenna - GPS Passive - 6' Cable length	\$48.00			X		
Cellular	569028	Antenna -LTE Blade 5"	\$28.00			X		
Cellular	569041	Antenna - Blade LTE-A Pro w/ swivel base (for -L Devices)	\$28.00	X			X	X
Cellular	590051	Cellular Antenna Extension Kit (300mm)	\$20.00	X				

# Rack & Power Accessories

Category	Part Number	Description	Price	ACM7000	CM7100	IM7200	OM1200	OM2200
Power	450037	ACM7000 External Power Supply - Universal AC input	\$61.00	X				
Power	450039	ACM7000 External Power Supply - AC input with IEC C13	\$61.00	X				
Power	450038	OM1200 External Power Supply - Universal AC input	\$91.00				X	
Power	450036	OM1200 External Power Supply - AC input with IEC C13	\$91.00				X	
Power	450041	ACM7000 External DC-DC Power Converter	\$119.00	X				
Power	440001	Power cable IEC to USA 3 pin Black 1.8m	\$9.00		X	X		X
Power	440013	Power cable IEC to Europe 3 pin Black 1.8m	\$9.00		X	X		X
Power	440014	Power cable IEC to Japan 3 pin Black 1.8m	\$9.00		X	X		X
Power	440015	Power cable IEC to UK 3 pin Black 1.8m	\$9.00		X	X		X
Power	440002	Power cable IEC to Australian 3 pin Black 1.8m	\$9.00		X	X		X
Power	440053	Power cable IEC to China 3 pin Black 1.8m	\$9.00		X	X		
Power	440055	Cable C13 to C14, Black, 1.8m	\$9.00		X	X		X
Power	310207	Terminal Block Power for DC powered IM7200 units	\$22.00			X		
Rack	590001	Rack Mount Kit - (Rack ears & mounting hardware)	\$41.00		X	X		
Rack	590037	OM2200 Rack Mount Kit (Rack ears & mounting hardware)	\$42.00					X
Rack	590054	OM1200 Rack Mount Kit (Rack ear & mounting hardware)	\$41.00				X	
Rack	590003	ACM7000 Rack Mount Kit (Rack ear & mounting hardware)	\$38.00	X				
Rack	590033	ACM7000 Rack Tray for 19" Installation - holds two units	\$95.00	X				
Rack	590012	ACM7000 Din Rail Mount Kit (Din Rail Mount/Screws)	\$39.00	X				

# Extended Warranty

Opengear products ship with 4-year warranty standard on all models. Most console servers are deployed for 5 – 7 years and Opengear recommends purchasing extended warranty to cover the installed life of the product.

Opengear offers warranty extensions for 5<sup>th</sup> and 6<sup>th</sup> year coverage. Both 5<sup>th</sup> and 6<sup>th</sup> year part numbers must be purchased for 6 years of coverage. Extended warranty must be purchased before expiration of active warranty period.

Part Number	Description	List Price
OGEXTWAR5-OM22	Warranty – OM2200 (Extends to 5th year warranty)	\$545.25
OGEXTWAR5-OM12	Warranty – OM1200 (Extends to 5th year warranty)	\$139.75
OGEXTWAR5-IM72	Warranty – IM7200 (Extends to 5th year warranty)	\$545.25
OGEXTWAR5-CM71	Warranty – CM7100 (Extends to 5th year warranty)	\$407.75
OGEXTWAR5-ACM70	Warranty – ACM7000 (Extends to 5th year warranty)	\$139.75
Part Number	Description	List Price
OGEXTWAR6-OM22	Warranty – OM2200 (Extends from 5 <sup>th</sup> year to 6th year warranty)	\$545.25
OGEXTWAR6-OM12	Warranty – OM1200 (Extends from 5 <sup>th</sup> year to 6th year warranty)	\$139.75
OGEXTWAR6-IM72	Warranty – IM7200 (Extends from 5 <sup>th</sup> year to 6th year warranty)	\$545.25
OGEXTWAR6-CM71	Warranty – CM7100 (Extends from 5 <sup>th</sup> year to 6th year warranty)	\$407.75
OGEXTWAR6-ACM70	Warranty – ACM7000 (Extends from 5 <sup>th</sup> year to 6th year warranty)	\$139.75