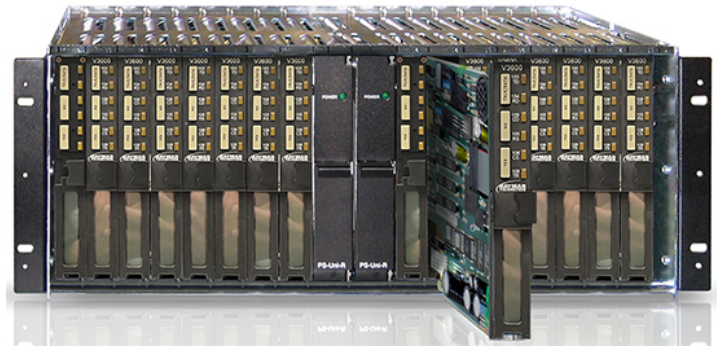


Modem Racks & Enclosures

RayTel Motorola RM16 16 Slot Industrial modem nest,
Redundant AC/DC Power



The Motorola RM16M is a 16-slot modem nest for a wide range of Analog and Digital Communication cards providing mounting and power options for centralizing data communication links.

Overview

Raymar-Telenetics RM16M Industrial modem nest offers superior value over a wide range of SCADA, point-to-point, and multi-drop applications.

RM16M Nests features modular, redundant power supplies, multiple backplane configurations and the ability to mount in either a 19" or 23" cabinet using a reversible bracket.

The modem nest accepts a variety of analog dial/leased/private line modem and T1/DDS CSU/DSU cards including the Motorola V.3600, Motorola 202T, Telenetics DSP9612, Motorola FT100 and ATL6410 units.

The hot-swappable design has snap-to-backplane segments that permit an exact equipment match on a slot-by-slot basis. Each RM16M card has its own power supply so that problems with an individual device will not disable an entire shelf.

The Industrial Modem Nest also features convection cooling for most applications with optional fan trays. The chassis is available with Single or Dual Redundant AC or DC Power.






MODEM NEST CARD OPTIONS

The modem nest accepts a variety of analog dial/leased/private line modem and T1/DDS CSU/DSU cards including the Motorola V.3600, Motorola 202T, Telenetics DSP9612, Motorola FT100 and ATL6410 units.

Motorola V.3600	Motorola 202T	Telenetics DSP9612	Motorola FT100	ATL6410
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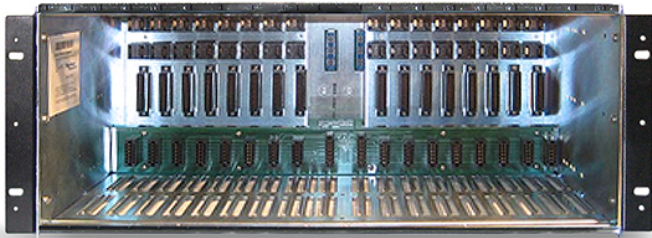
Features

- **Industrial Grade** - Designed for data communications is SCADA environments and applications.
- **16 Card Slots** - The Rack handles up to sixteen (16) function cards and a cover is provided to protect un-used slots.
- **19 and 23 Inch Options** - Fits any standard 19" or 23" electronics racks and cabinets.
- **Communication Cards** - Accepts all kinds of Analog Dial-Up, Leased-Line and Digital (DDS/T1) Modems and CSU/DSU function cards.
- **Topology Support** - Can be installed with Analog Modems supporting 2 or 4 wire, Point-to-Point or Multi-Drop applications.
- **Segmented Backplane** - The hot-swap, snap-to-backplane segments permit an exact equipment match on a slot-by-slot basis.
- **High Availability** - Each RM16M card has its own power supply so that problems with an individual card will not disable an entire shelf or any other cards.
- **AC or DC Power** - Wide range AC Input voltage from 90-265VAC 50/60 Hz or 48 VDC DC Input Power.
- **2-Slot 1U High Variant** - The RMX (or RM2xx) is a 1U high rack mounting option that holds one or two modem cards side-by-side.

V.29/V.32/V.34 Dial/Leased Line (2/4- Wire) Modem, RS-232 Async, and Sync.	Bell 202T Analog Modem 2-wire Half Duplex or 4- wire Full Duplex for Leased/Private Lines.	Industrial Flash-Poll Analog Modem DSP9612FP, DSP9612-LV and DSP9612RM	T1/FT1 CSU/DSU Point-to- Point or Point-to- Multipoint Operation.	Industrial DDS CSU/DSU Async/ Sych with RS-232, V.35 or RS-530
				

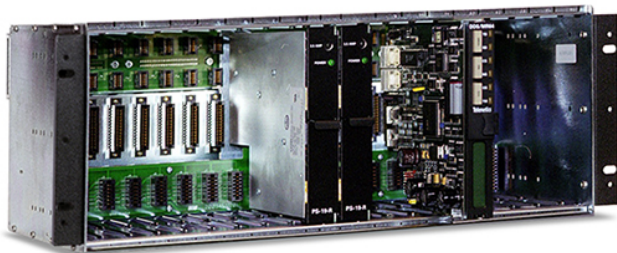
CONVECTION COOLED

The Industrial Modem Nest also features convection cooling for most applications with optional fan trays. The chassis is available with Single or Dual Redundant AC or DC Power.



HOT SWAPPABLE DESIGN

The hot-swappable design has snap-to-backplane segments that permit an exact equipment match on a slot-by-slot basis. Each RM16M card has its own power supply so that problems with an individual device will not disable an entire shelf.



1U HIGH, 2-SLOT RMX VARIANT

The Raymar Telenetics RMX (or RM2xx) is a 1U high rack

mounting option that holds two modem cards side-by-side.



Specifications

EIA Standard:	Compliant with EIA-310-C Width: 19 inches (48.3 cm)
AC Power:	Input voltage 90-265VAC Depth: 10.75 inches (27.3 cm) 50/60 Hz
DC Power:	Input voltage 48 VDC Height: 7 inches (17.8 cm)
Heat Load:	510 BTU/Hr Weight: 20 lbs (9.1 Kg) shipping weight (fully loaded rack) 50 lbs (22.7 Kg) loaded
Environmental:	Temperature 0°C to +50°C (+32°F to 122°F)