

Product Introduction & Benefits



The **NMF-736+** is a **RoHS** version standard 19" rack-mount converter chassis with 18 available slots. Designed for flexibility and performance, the chassis offers a robust solution for medium and large-sized network applications. It is a cost-effective solution for network distribution in a spread-out workgroup configuration. Being SNMP ready, it can be managed 'in-band' via an SNMP station, a LAN via the Internet, or "out-of-band" on

the RS-232 console port. The abundance of features translates into easy network monitoring and troubleshooting.

The chassis is capable of supporting Ethernet and Fast Ethernet media converter line card that covers a wide variety of fiber-optic and copper cabling interfaces. It is possible to "mix-and-match" the arrangement of media converter types to achieve a configuration that best suits a specific network. The front panel LEDs offers "at-a-glance" information on the status of the cooling fans and power supply. The **NMF-736+** features a redundant power-supply unit that ensures continuous operation. Plus, the three long-life cooling fans guarantee that an ideal operating temperature is maintained.

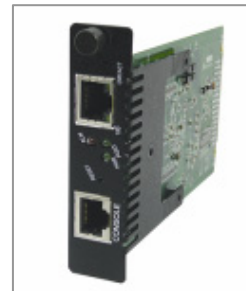
Main Features:

NMF-736+:

- Durable 19" rack-mounted chassis construction
- Redundant power supply (RPS) unit
- SNMP-ready
- 3 high-volume cooling fans
- Optional DC-48V Power Supply
- Supports up to 18 line-card media converters
- Two (2) load-sharing, hot-swappable power supplies
- LED status panel for fan, power, and slot
- Supports mix-and-matching between 10/100-base, copper, fiber, single/multi-mode, WDM products with ST or SC connectors
- Available with AC and DC power
- Ideal for mission-critical networks such as Enterprises, Banks, Military, etc.
- FCC Class A and CE approved

NMF-759A (Management Module):

- One LAN port for Web & SNMP
- One RS-232 port (RJ-45) for Console
- LAN port supports Auto MDI/MDI-X
- LAN port supports 10/100Mbps Auto-negotiation
- LED status for Power, SYS (POST), Alarm, 100, Link/Activity
- Push-button for system restart
- Supports various "mix and match" management-ready modules – from 10/100/1000 to multi-mode / single mode
- If NMF-759A is not installed, then the chassis' converters will function as unmanaged converters



Specifications:

Capacity:	Eighteen slots for up to 18 card-based media converters
Chassis:	Aluminum/Steel
Power:	Up to two power supplies Load-sharing Hot-swappable Rear-loading
LEDs:	3, for fan status 1, for each power supply
Cooling:	Three 22.1 CFM rear mounted fans
Dimensions:	357x440x88mm (DxWxH) (EIA 2U)
Weight:	9.1kg (with 18 modules, 1 management interface module, and 1 power supply)
Power Supply:	AC Input – 100~240VAC@47~63Hz; (MPS-150R) DC Input – -48VDC (MPS-150D) DC Output – Norm. +12V, Min. +11.4V, Max. +12.6V Load – Min. 0.3A, Rated 7.5A Peak 20A Total Reg – Rip. 120mV, Load 5.0%, Line 1% Overload Protection – all outputs protected against short circuit conditions, auto- recovery Over Volts Protection – Output level exceeding +13.8V causes shutdown, auto- recovery Temperature – Operating 0°C~50°C Storage -20°C~70°C EMI – FCC Part 15 Class A Safety – IEC 1950, CSA 234, 22.2, TUV EN60950
Fans:	Speed – 4800 rpm +/- 400, Delivery 22.1 ft3 Per Min. Noise Level – 34.3 dB(A) Temperature – Operating 0°C~50°C Storage -20°C~70°C Bearing – Precise ball bearing Safety – UL/CSA/TUV/CE Approval

Ordering Information:

NMF-736+: 19" Rack-mount 18-slot Card-based Media Converter Chassis with one 100~240 VAC power supply	NMF-759A: Managed Interface Module
NMF-736R+: 19" Rack-mount 18-slot Card-based Media Converter Chassis with redundant AC power supply	NMF-759 Managed 10/100 to 100Base-FX Module
NMF-736D+: 19" Rack-mount 18-slot Card-based Media Converter Chassis with one DC-48V power supply	MPS-150R+: 150W Modular Power Supply with High MTBF for NMF-736 series (AC 100~240V)
NMF-736DR+: 19" Rack-mount 18-slot Card-based Media Converter Chassis with redundant DC-48V power supply	MPS-150D+: 150W Modular Power Supply with High MTBF for NMF-736 series (DC -48V)

(July 2007)
Specifications subject to change without prior notice.