

NXF-719 19" Rack-mount 12-slot Standalone Media Converter Chassis



Product Introduction & Benefits

The NXF-719 is a highly engineered product designed to offer a lifetime of operation. Incorporated in the chassis are three long life cooling fans to ensure a cool operating environment. Each fan is monitored and connected to the LED status panel mounted on the front. The LEDs indicate when power is supplied to each module and that the fans are functioning correctly. Ideal for mission critical networks such as Enterprises, Banks, the Military, etc.

The chassis comes with two high quality hot swappable power supplies. Either power unit can be removed without disturbing the chassis' operation - offering total efficiency, maximum redundancy and minimum down time. Each converter is supplied from a common shared power bus - but as an added precaution, each is individually protected in the event of a problem on the bus or from power surges. Each converter can be removed or loaded without powering down. The power supply also features a "trigger guard" to prevent the unit from being accidentally switched off.



Main Features :

- Accommodates up to 12 media converters operating under different protocols
- Supports two load sharing, hot swappable power supplies
- ON/OFF trigger guard protection on power switch
- Three serviceable high volume cooling fans
- LED status panel with fan and slot and power LEDs
- Supports slot power isolation
- Supports 10/100/1000Base-TX/FX, ATM-155/622 and serial converters
- Prevents network downtime and protects your converter investments
- Available in AC 90-240V with AC Socket or DC -48V with terminal block

Ordering Information :

NXF-719 :

19" Rack-Mount 12-slot Standalone Media Converter Chassis

MPS-75R :

75W Modular Power Supply with High MTBF for NXF-719

MPS-75D :

75W DC-48V Modular Power Supply for NXF-719

Specifications :

Chassis Specs :

Capacity:	Twelve (12) slots
Chassis:	Aluminum/Steel
Power:	Two (2) power supplies, load sharing, hot swappable
LEDs:	3, red - for fan status, 12, green - for slot power status, 1, red - for each power supply
Cooling:	Three 42.5 cfm rear-mount fans
Dimensions:	430 x 290 x 133mm (LxWxH) (EIA 3U)
Weight:	9 kg (with 12 converters, one power supply)

Power Supply Specs for AC (MPS-75R) :

AC Input:	90~240V AC @ 47~63Hz
DC Output:	Norm. +12V, Min. +11.88V, Max +12.12V
Load:	Min. 0A, Full 6.4A
Total Reg:	+/- 1.0%, Rip. 120mV, Load 1.0%, Line 0.5%
Overload Protection:	All outputs protected against short circuit conditions-automatic recovery
Over Volts Protection:	Output level exceeding +13.2V causes shutdown-automatic recovery
Temperature:	Operation: 0°C to 50°C Storage: -55°C to 85°C
EMI:	FCC Part 15 Class A Safety UL 1950, CSA 234, 22.2, TUV En60950

Power Supply Specs for DC -48V (MPS-75D) :

DC Input:	-48V 10%
DC Output:	Norm. +12V, Min. +11.76V Max +12.24V, 75Watts
Load:	Min. 0A, Full 6.4A
Total Reg:	+/- 2.0%, Rip. 120mV, Load 2.0%, Line 1.0%
Overload Protection:	Output protected against short circuit conditions-automatic recovery
Over Volts Protection:	Output level exceeding + 13.2V causes shutdown-automatic recovery
Temperature:	Operation: 0°C to 50°C Storage: -55°C to 85°C

Fans Specs :

Speed:	2510 rpm +/- 250, Delivery 42.5 ft3 Per Min.
Noise Level:	36.5 dB(A)
Temperature:	Operation: -10°C to 50°C Storage: -40°C to 70°C
Bearing:	Precise ball bearing
Safety:	UL/cUL/TUV approved

Product Application

The following illustrates typical applications for the NXF-719 series. The actual distances will depend on several factors including the quality of cables used and the terminal equipment employed.

