

# Magnum Router Specifications

The Magnum Router Module provides advanced high speed routing and MicroBand Voice over IP, as it integrates LAN traffic with voice/fax and legacy data.



## Microprocessors

Motorola MPC-860T, 40Mhz

## Memory

64MB SDRAM, 2MB FLASH, 16MB  
FLASH DISK-ON-CHIP

## Interface Connections

Four male DB25 V.35 WAN ports, One  
female DB25 RS-232 console port, One  
RJ45 10/100 BaseT Ethernet port

## LAN Connection

Ethernet: auto-sensing 10/100 Base-T  
UTP

## WAN Connection

4 T1/E1 WAN ports support data rates  
from 9,600bps to 2.048 Mbps

## Multiprotocol Routing

Incorporates industry-standard Ethernet  
TCP/IP routing

## Performance

Aggregate Sustained Throughput: 20  
Mbps

## Frame Relay Support

DLCIs/PVCs: Unlimited  
Frame Size: 1.5K

## Compatibility

The Magnum Router is compatible with  
other manufacturers RFC1490 compliant  
products

## Standard Compliance

T1.617 ANNEX-D, ITU Q933-ANNEXA  
ITU I.233, ANSI T1.606  
ITU Q922-ANNEXA, ANSI T1.618

## Management Options

Windows based PC with GUI interface

## Models

M5000M/R1, 10/100 Ethernet Router  
Module

M5000M/SR1, 10/100 Ethernet Router  
Stand-alone

Is a stand-alone unit or must reside in a  
new or existing Marathon Base Unit  
Chassis: 2K, 2K+, 3K, NR75E, 5KTurbo,  
5KTPro, 10K, 20K, 20KPro. All Marathon  
units must be software revision 5.0 or  
greater

## Cables (included)

M5000C/CAT5E, Ethernet Patch Cord  
M5000C/CP, Console Port Cable  
M5000C/Modem, Modem Cable  
M5000C/Matrix, Marathon to Magnum  
Matrix Cable

## Agency Compliance

Fully compliant with FCC Part 15, Sub-  
part B, Class A and comparable  
requirements of the EU, Australia/New  
Zealand, Canada and Japan

## MSRP

\$1,495.00 USD