



# MFR Series

## Multi-WAN Routers

Models: MFR-3, MFR-5, MFR-7



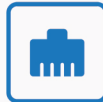
### Manage multiple internet sources through a single network on any vessel

Easily switch between multiple WANs manually or automatically with user-controlled failover priority and user management in the simplest way available.



#### Ultra-fast CPU

Capable of lightning-fast data processing and large user pool handling



#### Gigabit Ethernet

Ensure full utilization of the provider's network speeds



#### Solid State Technology

No moving parts ensure the best reliability and longest lifespan



#### High Throughput

Experience the best data transfer rates of any product in its class



#### Easy to Use

Quick setup and an extremely user-friendly interface



#### Ultimate Compatibility

Compatible with any consumer-grade IEEE standard device

① Multi-WAN routers serve as the central hub of a vessel's on-board network. End-users can quickly manage internet access to the entire vessel by switching manually or automatically using advanced failover controls. One or more Wi-Fi bridges, cellular modems, and/or Satellite internet devices can all be connected and managed by an MFR device.

#### Why do I need a Multi-WAN router?

When dealing with multiple internet sources on a single network, an easy, safe, and secure method is necessary to transition between them during various phases of vessel operation. Until recently, non-enterprise solutions with an easy-to-use interface simply didn't exist and the struggle between man and machine was cumbersome and frustrating.

# MFR Series Technical Specifications

Models	MFR-3	MFR-5	MFR-7
WAN ports (Max)	3	5	7
System Information			
Mainboard / CPU	Intel Atom E3845 (1.91 GHz)	Intel 3865U (1.8GHz)	Intel Celeron G3900 (2.8 GHz)
Memory Information	2 GB DDR3L	4 GB DDR3L	4 GB DDR3L
Physical			
Interfaces	4 x RJ-45 (Gigabit Ethernet)	6 x RJ-45 (Gigabit Ethernet)	8 x RJ-45 (Gigabit Ethernet)
Enclosure Size	5.3" x 5.1" x 1.5" (134mm x 130mm x 39mm)	6.1" x 5" x 2" (155mm x 126.5mm x 52.5mm)	17" x 10" x 1.75" (430mm x 252mm x 44mm)
Weight (device)	1.25 lbs (0.57 kg)	2.25 lbs (1.0 kg)	13 lbs (5.9 kg)
Enclosure Characteristics	Anodized Aluminum		
Cooling Method	Radiative chassis heatsink, fanless		3x high-speed fans
Mounting	Wall/surface, VESA		Rackmount (1U)
Power			
Input	12V DC (external AC adapter)		AC
Consumption	18W (max)	20W (max)	35W (max)
Environmental			
Operating Temperature	+14°F to +122°F (-10°C to +50°C)		+32°F to +140°F (0°C to +60°C)
Operating Humidity	0 to 95% relative, non-condensing		
Shock and Vibration	ETSI300-019-1.4		
Environmental Resistance	☼ IP40 (NEMA 1)		☼ IP20 (NEMA 1)
Package Contents			
MFR Series device, AC power adapter (12V) or AC cable, mounting hardware, quick start guide			
Warranty			
🛡️ 2-Year limited warranty with lifetime phone support			

## Having trouble choosing a model?

Consider the number of internet sources (WANs) currently available on the vessel or may expand to in the future. Typically, having an extra unused WAN is the best choice.

Rep / Dealer / Distributor



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All products, product specifications and data are subject to change without notice to improve reliability, function, design, or otherwise.

**Performance Notice:** Actual performance may vary. The standard transmission rates described are the physical data rates and actual data throughput will be lower. Factors affecting data rates include hardware performance of all other inline devices, network saturation, provider speed and throttling, and network limitations, among many others.