



Intrepid™ 6000 Series Directors



Intrepid™ 6000 Series Directors:

- Ensure business continuance through 99.999 percent availability
- Maximize system administrator resources with centralized management
- Deliver consistent high performance
- Provide investment protection through protocol independent design
- Enable flexible deployment through support for both Fibre Channel and FICON

THE PLATFORM FOR UNRIVALED STORAGE NETWORKING

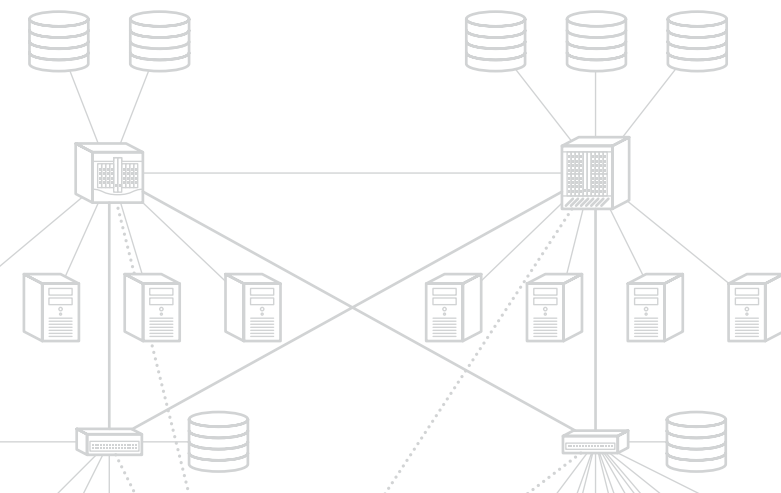
McDATA Intrepid 6000 Series Directors are the platform for unrivaled storage networking—today and tomorrow. With the highest level of availability, unrivaled performance, superior scalability, unsurpassed data security software, and best-of-breed management tools, McDATA Intrepid Directors are the optimum choice for supporting mission-critical business requirements—24x7. A SAN built with an Intrepid Director at the core keeps pace with exponential storage growth and can evolve to meet even unexpected business opportunities.

Intrepid 6140 Director

The 140-port Intrepid 6140 Director is the perfect high-performing, flexible building block for very large SAN deployments, with hundreds or even thousands of ports. It is the only single-stage 140-port director today designed with a protocol-independent architecture to support tomorrow's emerging technologies, resulting in unmatched investment protection. The Intrepid 6140 also provides exceptional flexibility by meeting the connectivity demands of higher-port-count storage networks and mainframe FICON environments.

Intrepid 6064 Director

The 64-port Intrepid 6064 Director is a cost-effective solution for businesses needing director-class performance and reliability with less connectivity than the 140-port Intrepid 6140. Rugged and reliable, Intrepid 6064 also offers the highest availability and easy-to-deploy scalability in 4-port increments.



Intrepid™ 6000 Series Directors



Intrepid 6064



Intrepid 6140

Availability

99.999%

Hot-plug, redundant power supplies, fans, processors

Hot-plug optics, port modules

On-line diagnostics

HotCAT™ technology for on-line, non-disruptive firmware load and activation

Compatibility

Fibre Channel Protocols: FC-PH v. 4-3, FC-PH-2, FC-PH-3, FC-GS-2, FC-FLA, FC-FG, FC-SW-2

Fibre Channel Element MIB: FE-MIB

TCP/IP MIB-II Groups: System, Interface, Address Translation, IP, ICMP, TCP, UDP, SNMP

Classes of Service: Class 2, Class 3, Class F

Performance

Port Speed: 2Gb/s, full duplex

Buffer Credits: 60 per port

Switch Latency: Less than 2 microseconds average

Scalability

Ports per Chassis: Intrepid 6064: 64 Ports

Intrepid 6140: 140 Ports

Media Type: Hot-plug, industry standard LC Small Form Factor

Supported Optical Media Types/Distance:

Shortwave: 500m (1,640 ft.) / 1Gb/s

300m (1,148 ft.) / 2Gb/s

Longwave: 10 km (6.2 mi.) / 2Gb/s
20 km (12.4 mi.) / 2Gb/s
35 km (21.7 mi.) / 2Gb/s

With Repeaters: 120 km (1Gb/s),
60 km (2Gb/s)

Cabling: 62.5/125 micron multimode,
300m (1,148 ft.)

50/125 micron multimode,
500m (1,640 ft.)

9/125 micron single mode,
10 km (6.2 mi.)

Management Options

SANavigator® Software

Enterprise Fabric Connectivity (EFC) Manager

SA OS/390 through FICON Management Server (CUP)

SNMP

Open Systems Management Server

Fabric Services

Simple Name Server

Management Server (optional)

Broadcast

Name Server Zoning

Access

In-band

Ethernet (10/100 Mb/s)

Diagnostics

Power-on self test

On-line port, CTP, SBAR

Internal and external loopback

On-line system health

Serviceability

Non-disruptive firmware upgrades

HotCAT™ (hot code activation technology)

Call-home, e-mail (with McDATA software)

Smart thermal protection

Unit, Port, FRU beaconing

Installation Options

Rack mountable, 19 inch EIA rack

Environmental

Non-operating temp: 34° F to 140° F

Non-operating humidity: 5%-80%

Non-operating altitude: 12,192 m (40,000 ft.)

Operating temp: 40° F to 104° F

Operating humidity: 8%-80%

Operating altitude: 3,048 m (10,000 ft.)

Physical Dimensions

	Intrepid 6064	Intrepid 6140
Height:	39.7 cm (15.6 in. 9U)	52.9 cm (20.8 in. 12U)
Width:	44.45 cm (17.50 in.)	44.5 cm (17.50 in.)
Depth:	54.6 cm (21.5 in.)	61.3 cm (24.1 in.)
Weight:	53.1 kg (117 lbs.)	75.9 kg (167 lbs.)

Electrical

	Intrepid 6064	Intrepid 6140
Operating voltage:	100-240 VAC	200-240 VAC
AMPs (max.):	2 AMPs	4.2 AMPs
Heat output (max.):	1,672 BTU/hour	2,873 BTU/hour
Watts (max.):	490 Watts	841 Watts
Regulatory:	UL, CSA, CE Mark, VCCI Class 1, FCC Part 15	

McDATA Corporate

380 Interlocken Crescent

Broomfield, CO 80021

USA

800.545.5773

720.558.8000

McDATA Europe

Technologiezentrum

Postfach 10 31

D-85501 Ottobrunn

Germany

(49) 89.607.39776

McDATA Asia Pacific

8F Nikko Ichiban-cho Bldg.

13-3 Ichiban-cho, Chiyoda-ku

Tokyo 102-0082

Japan

(81) 3.3512.3671

