

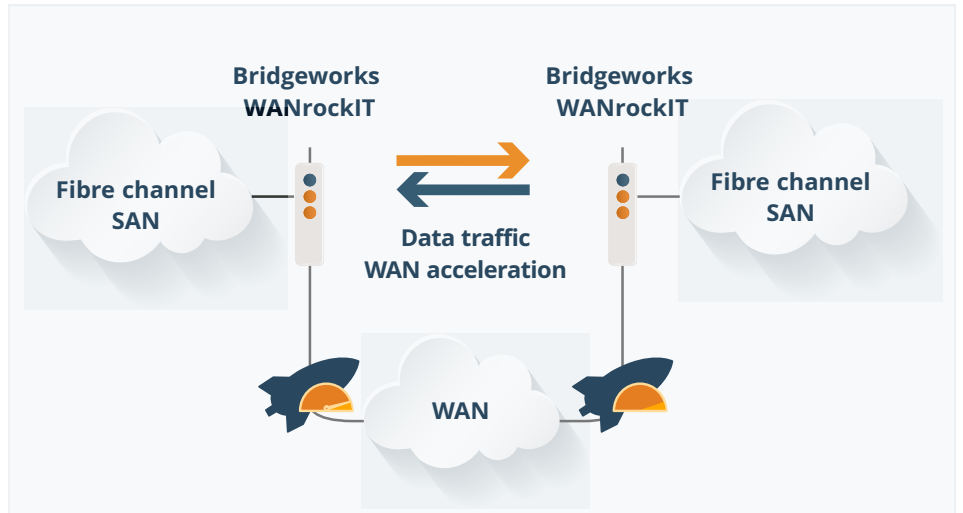
WANrockIT™ Series 100

Overview

The Bridgeworks' Series 100 WANrockIT™ is a data centre appliance for accelerating storage protocols over WAN links. By using unique parallelisation techniques managed by Artificial Intelligence, it frees the user from the distance limitations and performance constraints that are normally associated with WANs. With its "local device" like connectivity organisations can now realistically implement Data Replication, Migration, Backup and Disaster Recovery strategies that match the distance, performance and costs requirements of their organisation. In a similar way to the Series 200, the Series 100 units are a fixed protocol device. Each WANrockIT™ Series 100 is designed to support up to 100MB/s of WAN throughput on a 1Gb/s WAN connection.

Product Features

- 100MB/s link performance
- Point to point connectivity
- Compatible with Series 100,200, 400 and 800
- Simplex and Duplex modes
- iSCSI, Fibre Channel, SAS and SCSI options



Each WANrockIT™ Series 100 can connect to one other WANrockIT™ Node of any Series or interface type. Where WANrockIT™ Nodes have differing protocols, the WANrockIT™ will automatically convert from one storage protocol to another whilst the data is in flight without extra overhead or performance derogation. The WAN connection supports link speeds up to 1Gbe with a separate LAN port for configuring and managing the unit.

The Series 100 WANrockIT™ unit is available in four different configurations: Fibre Channel with two 8Gb short range, multimode LC connections or, iSCSI with two 1Gbe 10000BaseT RJ45 connections, 6GB/s SAS mini SAS connectors and Ultra 160 SCSI with VHDC connections.

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WANrockIT™ Series 100

Key Specifications*

Electrical

Voltage	90-264 VAC 47-63Hz
Maximum Power	250 Watts
Heat Dissipation	835 BTU/hr Maximum
Physical	19" Rack Mount 1U
Height	42.9mm (1.69 in)
Width	434.1mm (17.09 in)
Depth	394.0mm (15.50 in)

Environmental – Temperature

Operating	10°C to 35°C (50°F to 95°F)
Storage	-40°C to 65°C (-40°F to 149°F)
Humidity	10 – 80% RH Non-condensing
WAN Port	1 × 1Gbe RJ45 10/100/1000Mbps Ethernet
Management Port	1 × 1Gbe RJ45 10/100/1000Mbps Ethernet

Supported Configurations

iSCSI	2 × 1 Gbe RJ45 10/100/1000Mbps Ethernet
Fibre Channel	2 × 8Gb Short Range Multimode Laser
SAS II 2 Port	8 Channel 8088 MiniSAS
SCSI	Ultra160 2 Port VHDL 68 Way

* Specifications may change without notice

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simply making data flow

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