

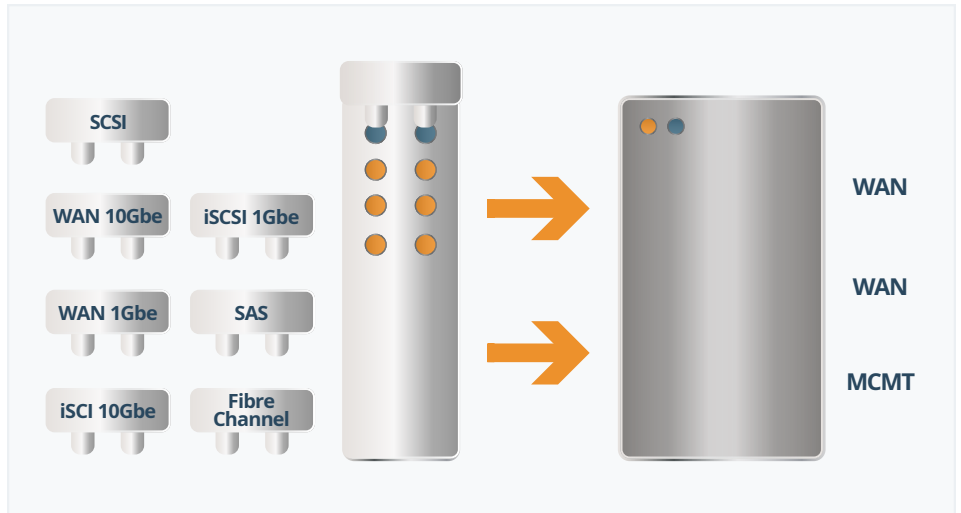
# WANrockIT™ 400 series

## Overview

The Bridgeworks' Series 400 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 the Data Replication, Migration, Backup and Disaster Recovery strategies that match their distance, performance and costs requirements. Through the use of various and expanding sets of feature cards, the WANrockIT™ WAN Series 400 supports all of the major storage protocols: Fibre Channel, iSCSI, SAS and SCSI, and is ideal for providing connectivity between: Servers, Virtual Tape Libraries, Disk Arrays and Tape Libraries.

### Product Features

- Support for iSCSI SAS Fibre Channel SCSI
- Upto 10 node connections
- 10Gbe WAN capability
- Compatible with Series 100, 200, 400 and 800
- Dual failover Power supplies
- up to 4 feature cards
- 2 WAN ports as standard



## Core Compute Platform

At the heart of the WANrockIT™ Series 400 is the Core Compute Platform (CCP). This provides all the necessary computing power, two management interfaces, two 1Gbe WAN ports and the WANrockIT™ operating system. As standard the CCP can support up to 200MB/s throughput across its two 1GB WAN interfaces. However, if this is insufficient, feature cards are available for 10Gb WAN connections to give up to 1.1GB/s throughput performance. Each WANrockIT™ 400 can connect to 10 other WANrockIT™ nodes of any Series or type. These can be configured in a point-to-point topology but where there are multiple Series 400/800 connected together, these can be configured as a Mesh Network where each node not only provides an access point, but also acts as a relay between other nodes. With this facility, organisations can build a global network where it is possible to transport data transparently from any point to any point on the network. There is no need to match up the same interface at the other end of the link; with WANrockIT™ these can be totally different interfaces all together – WANrockIT™ seamlessly translates between the two protocols without intervention or impact on performance.

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# WANrockIT™ 400 series

## Key Specifications\*

### Electrical

Power supplies	(PSU) Dual PSU with failover / hot swap capability
Voltage	100 – 240 VAC 50 – 60Hz
Maximum Power /PSU	450 Watts
Heat Dissipation	1535 BTU/hr Maximum
Physical	19" Rack Mount 4 U
Height	172.6mm (6.80 in)
Width	482.4mm (18.99 in)
Depth	785mm (28.5 in)
Weight Maximum	35Kg

### 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	2 × 1Gbe RJ45 10/100/1000Mbps Ethernet
Management Port	2 × 1Gbe RJ45 10/100/1000Mbps Ethernet

### Feature Cards

Maximum Cards	4 Feature cards in any combination
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### Supported Feature Cards

ISCSI	2 × 1 Gbe RJ45 10/100/1000Mbps Ethernet
ISCSI	2 × 10Gbe RJ45 or SFP+
Fibre Channel	2 × 8Gb Short Range Multimode Laser
SAS	2 × 4 channel 6Gb 8088 MiniSAS
SCSI	2 × Ultra 320, 68way VHDL connections
WAN 1Gbe	2 × 1 Gbe RJ45 10/100/1000Mbps Ethernet
WAN 10Gbe	2 × 10Gbe RJ45 or SFP+

\* Subject to change without notice

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