PORTROCKIT APPLIANCE

Physical Appliance Technical Datasheet

OVERVIEW

Bridgeworks' PORTrockIT Appliances are recognised as the highest performing WAN Data Acceleration solutions available out performing all of its competitors with capabilities of up to 40Gb/s.

Simple and quick to install, Bridgeworks' PORTrockIT's appliances fit seamlessly across the range from the SME to the very largest of enterprises. With the ability of all the different models (including the virtual products) to communicate with each other, it is possible to create the most cost effective WAN Data Acceleration solution that meets your needs between Data Centres, remote locations and the Cloud.

PORTROCKIT TECHNOLOGY

Recognised by Gartner, Bridgeworks PORTrockIT patented technology approaches WAN performance inhibitors in a way that uses the safe, tradition TCP/IP protocol combined with deep learning AI managed mitigation techniques that can result in performance gain in excess of 200 X or up to 98% of available bandwidth. This is applicable to all data types including encrypted, without changing or manipulating the data.

PORTrockIT optimises the flow of data across the WAN in real time, even if network conditions change. By incorporating a number of artificial intelligence (AI) engines that continuously manage, control and configure multiple aspects of PORTrockIT so enabling the PORTrockIT appliance to operate optimally at all times without Administrator intervention.
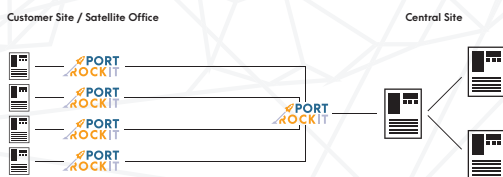
- Accelerating up to 40Gb data
- Up to 98% bandwidth utilisation
- Accelerates all data including encrypted
- Mitigates the effect of latency and packet loss

PORTROCKIT TOPOLOGY

ACROSS SITE REPLICATION, BACK-UP AND RECOVERY, PRIVATE, HYBRID OR PUBLIC CLOUD

Site A   Site B

MULTIPLE SITES, PRIVATE, HYBRID OR PUBLIC CLOUD

DISASTER RECOVERY, PRIVATE, HYBRID OR PUBLIC CLOUD AND SERVICE PROVIDERS

Customer Site / Satellite Office   Central Site
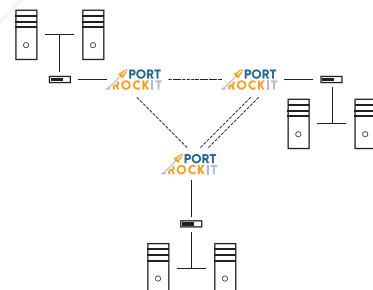
PORTROCKIT APPLIANCE
TECHNICAL SPECIFICATIONS

	MODEL			
	100	**200**	**400**	**800**
WAN Capacity	1000Mb/s	2000Mb/s	10000Mb/s	40,000Mb/s
# WAN ports	1	2	8	18
WAN Port size	1Gb/s	2 x 1Gb/s	1, 10Gb/s	1,10, 40Gb/s
# LAN ports	1	2	8*	18*
LAN Port size	1Gb/s	2 x 1Gb/s	1, 10Gb/s	1,10, 40Gb/s
PortRockIT Nodes	1	4	10	250
Protocols	1	2	6	12
Maximum connections	250	1000	2500	6000
Bypass Ports	✖	✔	✔	✔
Dual PSU	✖	✖	✔	✔
Power	250W Max	250W Max	750W Max	1100W Max
BTU	1039	1039	3117	4571
Temperature	Max 35ºC	Max 35ºC	Max 35ºC	Max 35ºC
Relative Humidity	10% -80%	10% -80%	10% -80%	10% -80%
Space Required	1U	1U	2U	2U
Dimensions L x W x H (mm)	197 x 482.4 x 42.8	197 x 482.4 x 42.8	68.4 x 482.4 x 87.3	68.4 x 482.4 x 87.3
Max Weight	8.8Kg	8.8Kg	23Kg	23Kg
Mounting Rails	Included	Included	Included	Included

* Depending on the configuration chosen

Bridgeworks reserves the right to change these specification without notification