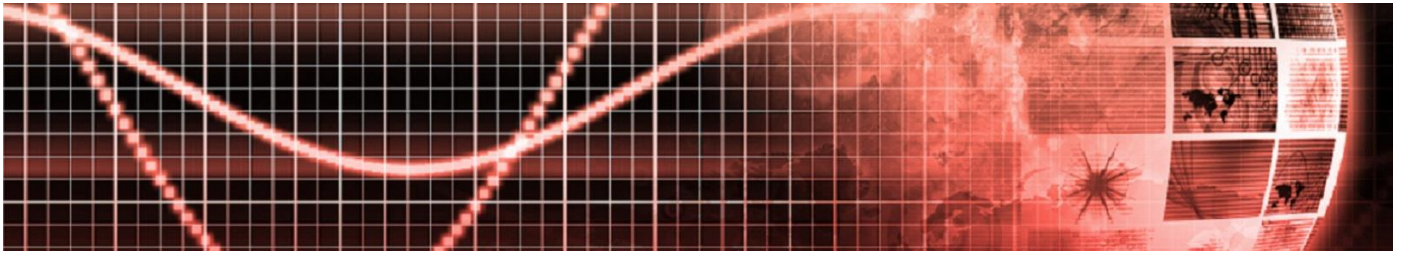




Facts and Figures



LRB003 Platform

Deep-Secure's LRB003 model server is the entry level platform with integrated one-way fibre optics used for the Minerva Data Diode.

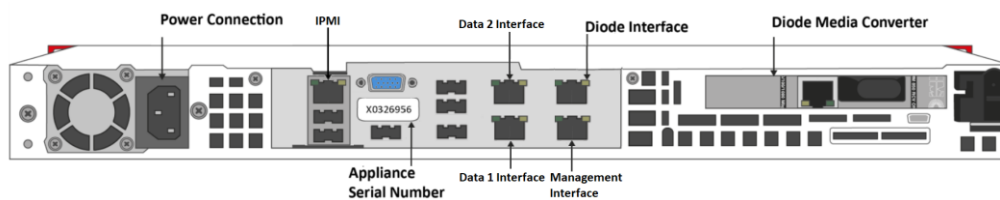
Overview

The LRB003 is a half depth 1U server suitable for running in an air-conditioned server room environment in a 19" rack. There are two variants: LRB003-TX and LRB003-RX. The Minerva Next Generation Data Diode is supplied as an appliance configured to meet either Low to High (L2H) or High to Low (H2L) deployment needs. Each appliance is comprised of an LRB003-TX and an LRB003-RX server.

Front View



Rear View



Operating Environment (System)

Operating Environment	
Operating Temperature Range	5 - 35°C (41° to 95°F)
Non-Operating Temperature Range	-40 - +60°C (-40° to 140° F)
Humidity Range	8 - 90% non-condensing
Non-Operating Humidity Range	5 - 95% non-condensing

Technical Specification

Chassis	
Unit Size	Height: 4.4cm (1.75in.) x Width: 48.2cm (18.98in.) x Depth: 37.1cm (14.63in.)
Unit Weight	10kg (22lbs)
System Cooling	1 x 100mm 5,000 RPM blower fan
Finish	Red and White wet paint steel
Power	
AC Voltage	100 – 240V, 60 – 50Hz, 3 – 1.5 Amp max
Power Consumption	169.88W
Processors and Memory	
Number of processors	1
Processor Cores	Quad Core
Processor	Intel Xeon E-2274G 4.0Ghz
Memory	16GB, 2666MHz
Storage	
Type	Intel D3 S4610 Series SATA 2.5" SSD
Number of disks	2
RAID	1
Hot swappable	No
Storage size	240GB per disk
Disk MTBF	2,000,000 hours
Interfaces	
Networking	4x 1 Gb NIC ports (1 reserved for the Diode interface) 1 x B&B Diode Media Converter ¹
DVD/CDRW	None
USB Ports	4
Serial	None
VGA	1
DisplayPort	2
Deployment	
LCD panel	None
Warranty	3 year warranty ²
Accessibility	Sliding rails for in rack servicing
Power Supplies	1
Power Supply MTBF	700,000 hours

¹ Media converter is either Transmit (TX) for the LRB003-TX or Receive (RX) for the LRB003-RX server

² 4 year warranty can be arranged at time of purchase

Want to know more?

www.deep-secure.com

+44 (0)1684 892831