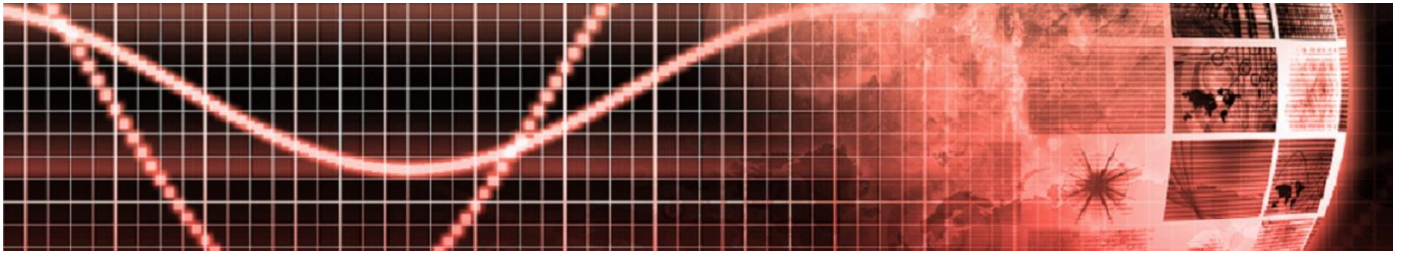


Facts and Figures



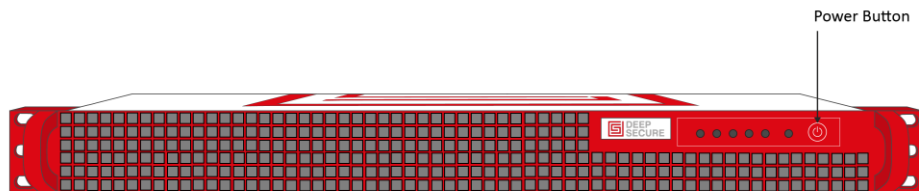
HRB001a Platform

Deep Secure's HRB001a model server is an enhanced platform for the iX Guard. Typically, a number of HRB servers are deployed surrounding one or more HSV logic units.

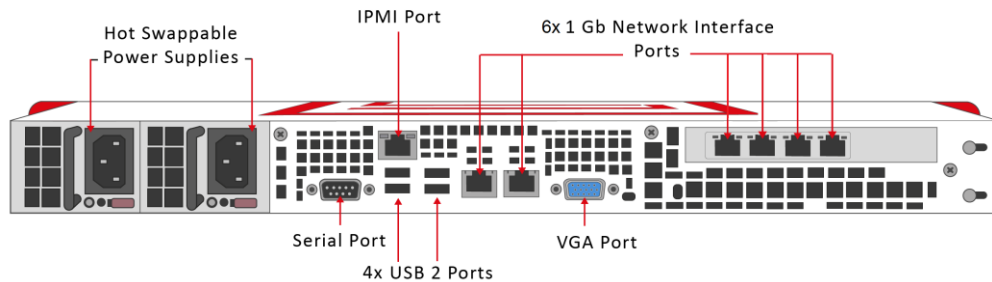
Overview

The HRB001a is a half-depth 1U server suitable for running in an air conditioned server room environment in a 19" rack.

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: 4.3cm (1.7in.) x Width: 43.7cm (17.2in.) x Depth: 42.9cm (16.9in.)
Unit Weight	9.5kg (20.9lbs)
System Cooling	4x 40x56mm PWM fan + 2x fans for AOC cooling
Chassis Fan MTBF	280,000 hours
Finish	Matt paint red and white aluminium chassis
Power	
AC Voltage	100 – 240V, 60 – 50Hz, 6 – 3 Amp max
Power Consumption	273W
Processors and Memory	
Number of processors	2
Processor Cores	Six Cores per processor
Processor	Intel Xeon E5-2643 V4 3.4 GHz
Processor MTBF	1,500,000 hours
Memory	128GB, 2666MHz
Storage	
Type	Intel D3 S4610 240GB SATA 2.5" SSD
Number of disks	1
RAID	N/A
Hot swappable	No
Storage size	240GB per disk
Disk MTBF	2,000,000 hours
Interfaces	
Networking	6 x 1 Gb NIC ports
DVD-RW	0
USB Ports	4
Serial	1
IPMI	1
VGA	1
Deployment	
LCD panel	None
Warranty	3 year warranty
Accessibility	Sliding rails for in rack servicing
Power Supplies	2
Hot swappable	Yes
Power Supply MTBF	581,000 hours

Want to know more?

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