GB LABS
INTELLIGENT STORAGE

Product Overview

ECHO (36 Bay)

Rack Based Near Line

Cost-effective, highly expandable and energy efficient near line storage for facility backup and replication. Powered by GB Labs CORE.4, ECHO comes complete with Replication, File Manager, optional CloakDR and more...

Ideal for Render Farms, Disaster Recovery, Digital Shelf and Instant Access media storage.

Technologies:
IDA^2 / Dynamic Bandwidth / Analytics Centre / CloakDR / Mosaic

Capacity: 64 - 448TB
Speed: Up to 2GB/s
Expandable: Up to 10PB

Technical Overview

Unit Specifications

Unit dimensions: 17.8cm x 43.7cm x 69.9cm (7" x 17.2" x 27.5")
Unit weight: 41kg (90.4lbs)
Input range: 100 - 240 VAC, 50-60Hz
PSU safety: EMC - USA-UL listed. Canada-CUL listed, Germany -TUV certified, EN60950/IEC 60950-Compliant, CB report, CCC certification
Power supply: Dual redundant 1000W removable PSUs
Power requirements standby: 33W
Power requirements full load: 350W
Operating temperature range: 10°C - 20°C
Non-operating range: -40°C - 70°C
Operating humidity range: 8 - 90% non-condensing
Non-operating humidity range: 5 - 95% non-condensing
Unit form factor: 4U rackmount (rack mounts included)

Bootable replacement OS is provided on Rescue Capsule USB drive for fast system recovery.

Configurable Capacities

ECHO (36 Bay)   64TB, 128TB, 192TB, 256TB, 320TB, 384TB and 448TB
ECHO (36 Bay) EX   64TB, 128TB, 192TB, 256TB, 320TB, 384TB and 448TB (Up to 10.8PB)

Connectivity

On Motherboard
2 x USB 3.0 and 2 x USB 2.0 ports
1 x VGA connector
1 x COM port

2 x 10Gb Ethernet ports (RJ45) - Backwards compatible with RJ45 1GbE
1 x RJ45 dedicated IPMI LAN port

Other
2 x 40Gb Ethernet ports
Option for additional 1Gb, 10Gb, 25Gb and 40Gb Ethernet ports

Key Features

CORE.4 OS	Automation
IDA[2]	Active Directory
Dynamic Bandwidth Control	Workspace access control
HyperSpace compatible	Mosaic
RAID 6 Data Protection	File Manager
Replication	CloakDR
Snapshots	Analytics Centre

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