



Product Overview



ECHO (16 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:

IDA² / Dynamic Bandwidth /
Analytics Centre / CloakDR /
Mosaic

Capacity: 32 - 224TB

Speed: Up to 1.5GB/s

Expandable: Up to 4PB

Technical Overview

Unit Specifications

Unit dimensions: 13.2cm x 43.7cm x 64.8cm (5.1" x 17.2" x 25.5")
Unit weight: 33kg (72.7lbs)
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 - 35°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: 3U rackmount (rack mounts included)

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

Configurable Capacities

ECHO 32TB, 64TB, 96TB, 128TB, 160TB, 192TB and 224TB
ECHO EX 32TB, 64TB, 96TB, 128TB, 160TB, 192TB and 224TB
(Up to 4PB)

Connectivity

On Motherboard

2 x USB 3.0 and 2 x USB 2.0 ports 2 x 1Gb Ethernet ports (RJ45)
1 x VGA connector 1 x RJ45 dedicated IPMI LAN port
1 x COM port

Other

2 x 10Gb Ethernet ports (SFP+)
Option for additional 1Gb, 10Gb, 25Gb and 40Gb Ethernet ports (RJ45 or SFP+)

Key Features

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