



## The ECHO Product Range



### ECHO (36 Bay)

#### Rack Based Near Line

Non-editing, 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<sup>2</sup> / Dynamic Bandwidth /  
Analytics Centre / CloakDR /  
Mosaic

Capacity: 64 - 448TB

Speed: Up to 2GB/s

Expandable: Up to 10PB



## ECHO 36 Tech RFI

### Unit specifications

Unit dimensions: 17.8cm x 43.7cm x 69.9cm (5.1" x 17.2" x 25.5")  
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 64TB, 128TB, 192TB, 256TB, 320TB, 384TB and 448TB  
ECHO 36 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	2 x 10Gb Ethernet ports (RJ45) - Backwards compatible with RJ45 1GbE
1 x VGA connector	
1 x COM port	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	Active Directory
Dynamic Bandwidth Control	Workspace access control
HyperSpace compatible	Mosaic
RAID 6 Data Protection	File Manager
Replication	Analytics Centre
Snapshots	CloakDR
Automation	