

WHY QUANTUM DXi PURPOSE-BUILT APPLIANCE?

Quantum invented and holds the IP for variable-length deduplication technology. Deduplication can reduce the amount of backup data by up to 90%. Additionally, deduplication dramatically reduces network traffic, enabling simple, cost-effective replication to remote sites for disaster recovery, and DXi® Secure Snapshot for data immutability and rapid recoverability. A Quantum DXi will benefit almost immediately by helping you protect and recover your data from ransomware, and help you massively consolidate various storage appliances into a single 10U rack space, enabling an efficient global data protection strategy. Here are 10 reasons why:

1 PERFORMANCE: ULTRA-FAST INGEST, RESTORES

High-speed purpose-built backup appliance with SSDs for metadata to accelerate all aspects of system performance. With sustained performance of up to 64 TB/hr and up to 99 TB/hr with DXi Accent™ client software, it means fast backups and even faster restores.

2 DENSITY: MOST EFFICIENT, HIGHEST DENSITY DESIGN

Includes 8 & 12 TB (latest) HDDs, fewer spindles, less power & rack space to minimize footprint and spend. With a common real-world deduplication factor of 30:1, logical capacity scales from 20 PB in 10U to 60 PB in 18U. Expansion provides industry's best density.

3 RANSOMWARE PROTECTION AND RECOVERY

Immutable snapshots help you isolate your data to defend and rapidly recover from cyber threats and meet your SLAs.

4 CONTINUOUS REPLICATION FOR CONSTANT PROTECTION

Provides continuous namespace replication for Disaster Recovery purposes. Quantum offers better replication and more granularity (cartridge/file trigger based + snapshots) at no additional cost. Meet RPO & RT0 objectives.

5 SCALABILITY: EASY TO SCALE

With Capacity-on-Demand (CoD), all-inclusive licensing, customers can add TBs quickly and easily with a license key, which allows DXi to be futureproof. Add a new backup software (and protocol), acquire a new company, add replication alter, etc. without any impact on costs/budget.

6 DATA AND SYSTEM AVAILABILITY

Includes Dynamic Disk Pools, Redundant RAID, and Redundant Interconnect & path failover. With DDP, customers avoid high density drawbacks with faster rebuilds and lower performance impact during rebuilds, which means less impact on the backup window.

7 FLEXIBLE MULTI-PROTOCOL ACCESS

Combines VTL/NAS/OST/VDMS. With Veeam (Veeam Ready Integrated) and Net Backup environments, we are recognized as valued partners.

8 DATA SECURITY

Includes self-encrypting drives, encrypted replication, auditable logs, access control. Self-encrypting drives provide security with no impact on performance (versus software encryption).

9 ADVANCED SYSTEM ANALYTICS

Measures activity, redux, chargeback, etc. Up to 6 years of historical information, detailed chargeback, etc. DXi reporting offers reporting updated every 2 seconds. Many customers rely on our management capabilities and reporting/alerting notices provided by Advanced Reporting and Quantum Vision® management software.

10 UNIQUE INTEGRATION WITH LEADING APPS

DXi is backup-application agnostic and is easy to install in an existing backup architecture. It is integrated with most backup applications but uniquely with Veritas OST, Veeam Data Mover.