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 REPLICAITION 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 & RTO 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.