Protecting and retaining your data can be challenging. Keeping pace with fast, unpredictable data growth in a cost- and time-efficient manner pushes IT staff to their limits. Ensuring that data is secure and available over long periods of time adds to these challenges. The Scalar® i6000 tape library was designed to solve these problems and simplify your environment.

The i6000 scales up to 180PB of data, supporting large enterprise storage environments. Capacity-on-Demand offers fast, flexible, and non-disruptive growth, easing the difficulties of managing dynamic storage requirements. Quantum customers experience significant management time savings due to the intelligent and proactive features in iLayer™ management software, up to 75% savings compared to other libraries. High availability features like Dual Robot and Path Failover allow the library to continue to operate despite failures of library components or even failures within the SAN fabric. The Extended Data Life Management feature (EDLM) ensures your archived media is trouble-free so the data is available when you need it. Security features like FIPS-compliant encryption key management safeguard your data while in the library and after export.

The Scalar i6000 features ultra high density and a 19-inch rack form factor and scales from 100 to 12,006 cartridges.
CAPACITY CONFIGURATIONS

<table>
<thead>
<tr>
<th>Technology</th>
<th>Drives</th>
<th>Cartridges</th>
<th>Capacity (TB)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>LTO-7</td>
<td>1 to 192</td>
<td>100 to 12,006</td>
<td>180,090</td>
</tr>
<tr>
<td>LTO-6</td>
<td>1 to 192</td>
<td>100 to 12,006</td>
<td>75,098</td>
</tr>
<tr>
<td>LTO-5</td>
<td>1 to 192</td>
<td>100 to 12,006</td>
<td>36,018</td>
</tr>
</tbody>
</table>

*Please see www.quantum.com for more drive specifications.
1 Available in IBM or HP models.

COMPLIANCE AND CERTIFICATION

Safety: TUV IEC-60950-1:2006 CB Scheme, EN61010-1 2nd Edition
Emissions: Class A, FCC CFR-47 Part 15, CISPR 22, EN50222, KN22, ICES-003
Immunity: EN55024, KN24
International: CE, cTUVus, KCC (MIC), GOST, VCCI, C-Tick

PHYSICAL

<table>
<thead>
<tr>
<th>Module Type</th>
<th>H+WxD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control Module (H+WxD)</td>
<td>77.4&quot;×24.3&quot;×8.3&quot; (196.6cm×61.7cm×21cm)</td>
</tr>
<tr>
<td>Expansion Module (H+WxD)</td>
<td>77.4&quot;×23.6&quot;×8.3&quot; (196.6cm×59.9cm×21cm)</td>
</tr>
<tr>
<td>Parking Module (H+WxD)</td>
<td>77.4&quot;×23.6&quot;×8.3&quot; (196.6cm×59.9cm×21cm)</td>
</tr>
</tbody>
</table>

Please see www.quantum.com for more drive specifications.
1 Available in IBM or HP models.

DRIVE CAPACITY AND PERFORMANCE

<table>
<thead>
<tr>
<th>Drive Type</th>
<th>Cartridge Capacity Native/Compressed (TB)</th>
<th>Drive Throughput Native/Compressed (MB/sec)</th>
<th>Encryption Support</th>
<th>LTFS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LTO-7</td>
<td>6.0 / 15.0</td>
<td>700 / 750</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LTO-6</td>
<td>2.5 / 6.25</td>
<td>160 / 400</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LTO-5</td>
<td>1.5 / 3.0</td>
<td>140 / 280</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

ADVANCED FEATURES

Advanced Reporting: Media Integrity Analysis report, Media Usage report, Drive Utilization report, Security report and media removal notifications, Report scheduling with automated report creation and delivery to distribution lists
Firmware Auto-Leveling: Maintains consistent firmware levels across all tape drives in the library
Active Vault: Vault archive tapes inside the library.
Reduces software and hardware costs
Reduces management time
Policy-based tape exports
Improves data security
Extended Data Life Management: Media health reports of cartridges stored for long-term archive and DR, information is collected outside of normal operations: Automated scheduling for scanning tapes
Notifications on test results
Policy-based data migration to new cartridges (only available with StorNext Storage Manager)

Dual Robot: Adds a second, redundant robot to the library for high availability.
Path Failover: Control Path Failover, Data Path Failover including support for path failure within the SAN fabric
Library Partitioning: Supports up to 16 partitions for tape consolidation

EXTRA ACTIONS AVAILABLE

- Consumables
- Service and Support
- Service Agreements
- Training
- Technical Support
- Developer Kits
- Products

ENVIRONMENTAL

Electrical: 100-240 VAC, 0.24 kWA, -48 VDC, -11 KWa per module
Power: 80 Plus certified power supplies
Temperature: 15 to 32°C operating
Humidity: 20 to 80% non-condensing operating

RELIABILITY

Library MSBF: Greater than 3,000,000
Library MTTR: 20 minutes, 10 minutes for Dual Robot replacement
Power: Optional 2N power
Diagnoses: Embedded monitoring of major subsystems, self-diagnostic procedures, and policy-based email and pager alerts to system administrators and Quantum Global Services

COMPATIBILITY

Consult the most recent Software Compatibility Guide on www.quantum.com for a complete list of software and platforms compatible with Scalar i6000.

To learn more about Quantum Scalar, please visit www.quantum.com/scalar

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