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fri 8:30am - 5pm
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Scalar i40 / i80

Bringing iLayer Benefits to Small- and Medium-Sized Businesses



The Quantum Scalar® i40 and i80 libraries are the easy-to-use tape libraries for the growing storage needs of small and medium-sized businesses, as well as remote office environments of larger enterprises. The Scalar i40 and i80 save time by simplifying everything from initial set-up and on-going management, to adding capacity over time.

The Scalar i40 and i80 include Quantum's iLayer software which provides best-in-class management and monitoring capabilities. iLayer software, shipped in over 30,000 Quantum Scalar libraries, typically reduces library management time by more than 50%. iLayer's easy-to-use interface can reduce business expense because it does not require a dedicated full time technical staff member to keep the library up and running smoothly and reliably.

iLayer includes proactive diagnostics, which has been shown to reduce service calls by 50%. Proactive diagnostics provide easy-to-understand messages with specific corrective actions, allowing users to avoid downtime and spend more time doing other things besides managing the tape environment.

Keeping up with data growth is simplified with the Scalar i40 and i80 tape libraries. The COD (capacity-on-demand) scalability feature enables the library's capacity to grow on demand with users' data—without disruption. Start with 25 slots and scale up to 40 slots with Scalar i40 (50 slots up to 80 slots for Scalar i80) as your requirements grow, with a software license only—no hardware to purchase or install—providing market leading investment protection.

To keep your sensitive data or proprietary corporate intellectual property safe and to meet the increasing government requirements for compliance, both the Scalar i40 and i80 support the US Federal government recommended encryption standard for the highest levels of security. Tape encryption ensures your data is protected even while being stored offsite.

The Scalar i40 and i80 provide significant benefits over conventional entry-level tape automation products, including better investment protection and less time managing the tape environment. All this, with the confidence of knowing that over 30,000 Scalar libraries with iLayer software have shipped, makes the Scalar i40/i80 the intelligent choice.

AUTOMATION

SCALAR i40 PROVIDES 25 TO 40 SLOTS

SCALAR i80 PROVIDES 50 TO 80 SLOTS

SIMPLE CAPACITY-ON-DEMAND
SCALABILITY

SIMPLIFIED MANAGEMENT WITH ILAYER
FEATURES

HIGHEST LEVEL ENCRYPTION STANDARD

FEATURES AND BENEFITS

- **Simplicity** – The simplest possible installation, operation and scaling
- **Investment Protection** – Capacity-on-demand feature enables easy in-box expansion
- **Time Savings** – iLayer intelligent management simplifies library management freeing up valuable time
- **Increased Reliability** – Industry-leading Reliability Availability Serviceability (RAS) features and proactive monitoring have proven to reduce service calls 50%
- **Compliance and Security** – Supports Government level security with the highest level AES-256 bit Encryption Standard

PHYSICAL SPECIFICATIONS

| | SCALAR i40 | | SCALAR i80 | |
|---|---|---|---|---|
| | Base Configuration | With COD License | Base Configuration | With COD License |
| Active Tape Slots | 25 | 40 | 50 | 80 |
| Max. Capacity (w/ LTO-4) @ 2:1 compression | 40TB | 64TB | 80TB | 128TB |
| Max. capacity (w/ LTO-5) @ 2:1 compression | 75TB | 120TB | 150TB | 240TB |
| Magazines | Two 20-slot (only 25 slots are usable for data) | Two 20-slot | Four 20-slot (only 50 slots are usable for data) | Four 20-slot |
| Import/Export | 0 or 5 (in addition to 25 data slots) | 0 or 5 (subtracted from 40 data slots) | 0, 5 or 10 (in addition to 50 data slots) | 0, 5 or 10 (subtracted from 80 data slots) |
| Rack Space | 3U | | 6U | |
| Physical Dimensions (H x W x D) | 5.2" x 17.5" x 31.2" (13.2cm x 44.6cm x 79.2cm) | | 10.4" x 17.5" x 31.2" (26.4cm x 44.6cm x 79.2cm) | |
| Weight | 45 lbs (20.5 Kg) | | 66 lbs (30 Kg) | |
| No. of Drives Supported | Up to 2 | | Up to 5 | |
| Barcode Reader | Standard | | | |
| Remote Management | Standard | | | |
| Drive Type | LTO-4 and LTO-5 | | | |
| Interface Options | FC (4Gb with LTO-4, 8Gb with LTO-5) LC connector SAS (3Gb with LTO-4, 6Gb with LTO-5) SFF-8088 connector | | | |
| Library MTTR | Less than 30 minutes | | | |
| Diagnostics | Embedded monitoring of major library subsystems, self-diagnostic procedures, and policy-based email and pager alerts to system administrators and Quantum Global Services | | | |

COMPLIANCE AND CERTIFICATION

| | |
|--------------------------------------|---|
| Safety Standards: | IEC 60950 with all world-wide country deviations |
| Emission Standards: | Class A of FCC part 15, ICES-003, CISPR 22, EN55022 Class A, VCCI, CNS 13438, KN22, AS/NZS CISPR 22, EN61000-3-2, and EN61000-3-3 |
| Immunity Standards: | EN55024, KN24 |
| International Certifications: | CE (Europe), VCCI (Japan), GS (Germany), FCC (USA), ICES (Canada), NRTL (USA & Canada), GOST (Russia), BSMI (Taiwan), KCC (Korea) |

ENVIRONMENT

| | |
|---------------------|-------------------------------------|
| Electrical: | 100-240 VAC, 50-60Hz |
| Temperature: | 10 to 35°C operating |
| Humidity: | 20 to 80% non-condensing, operating |

COMPATIBILITY

The Scalar i40 and i80 have broad compatibility with storage software and hardware components, consult the most recent Quantum Compatibility Guide on www.quantum.com for a complete list.

SERVICES AND SUPPORT

StorageCare Guardian:
Delivers proactive monitoring and integrated RAS notification, which sends email alerts to your designated operator for rapid problem resolution.

Warranty:
One Year, 5x9 Phone Support with Next Business day CRU replacement and on-site FRU replacement. Additional service contract upgrade response levels are also available. The Scalar i40 and i80 are customer installable; however, installation and integration services are available.

SCALAR i40 MODELS AND DESCRIPTIONS

| Base Libraries | |
|-----------------|--|
| LSC14-CH5J-119H | Scalar i40 Library, one LTO-5 tape drive, 25 slots, Fibre Channel |
| LSC14-CH5J-219H | Scalar i40 Library, two LTO-5 tape drives, 25 slots, Fibre Channel |
| LSC14-CH5N-119H | Scalar i40 Library, one LTO-5 tape drive, 25 slots, SAS |
| LSC14-CH5N-219H | Scalar i40 Library, two LTO-5 tape drives, 25 slots, SAS |
| LSC14-CH4G-119H | Scalar i40 Library, one LTO-4 tape drive, 25 slots, Fibre Channel |
| LSC14-CH4G-219H | Scalar i40 Library, two LTO-4 tape drives, 25 slots, Fibre Channel |
| LSC14-CH4M-119H | Scalar i40 Library, one LTO-4 tape drive, 25 slots, SAS |
| LSC14-CH4M-219H | Scalar i40 Library, two LTO-4 tape drives, 25 slots, SAS |

Upgrades and Options

| | |
|-----------------|---|
| LSC14-UJSL-015A | Quantum Scalar i40 COD License, 15 slots |
| LSC14-UDTK-000A | Quantum Scalar i40 Desktop Kit |
| LSC14-UQK0-L0HA | Quantum Scalar Key Manager License for Scalar i40 |

SCALAR i80 MODELS AND DESCRIPTIONS

| Base Libraries | |
|-----------------|--|
| LSC18-CH5J-132H | Scalar i80 Library, one LTO-5 tape drive, 50 slots, Fibre Channel |
| LSC18-CH5J-232H | Scalar i80 Library, two LTO-5 tape drives, 50 slots, Fibre Channel |
| LSC18-CH5N-132H | Scalar i80 Library, one LTO-5 tape drive, 50 slots, SAS |
| LSC18-CH5N-232H | Scalar i80 Library, two LTO-5 tape drives, 50 slots, SAS |
| LSC18-CH4G-132H | Scalar i80 Library, one LTO-4 tape drive, 50 slots, Fibre Channel |
| LSC18-CH4G-232H | Scalar i80 Library, two LTO-4 tape drives, 50 slots, Fibre Channel |
| LSC18-CH4M-132H | Scalar i80 Library, one LTO-4 tape drive, 50 slots, SAS |
| LSC18-CH4M-232H | Scalar i80 Library, two LTO-4 tape drives, 50 slots, SAS |

Upgrades and Options

| | |
|-----------------|---|
| LSC18-UJSL-030A | Quantum Scalar i80 COD License, 30 slots |
| LSC18-URPS-000A | Quantum Scalar i80 Redundant Power Supply |
| LSC18-UDTK-000A | Quantum Scalar i80 Desktop Kit |
| LSC18-UQK0-L0HA | Quantum Scalar Key Manager License for Scalar i80 |

COMMON UPGRADES AND OPTIONS

| | |
|-----------------|--|
| LSC1S-UADR-000A | Quantum Scalar i40/i80 Advanced Reporting License |
| LSC1S-UTDG-L4HA | Quantum Scalar i40/i80 Tape Drive Module, LTO-4, Fibre Channel |
| LSC1S-UTDM-L4HA | Quantum Scalar i40/i80 Tape Drive Module, LTO-4, SAS |
| LSC1S-UTDN-L5HA | Quantum Scalar i40/i80 Tape Drive Module, LTO-5 SAS |
| LSC1S-UTDJ-L5HA | Quantum Scalar i40/i80 Tape Drive Module, LTO-5, Fibre Channel |
| LSC1S-AMAG-L20A | Quantum Scalar i40/i80 20-slot Magazine |

About Quantum

Quantum Corp. (NYSE:QTM) is the leading global storage company specializing in backup, recovery and archive. Combining focused expertise, customer-driven innovation, and platform independence, Quantum provides a comprehensive range of disk, tape, media and software solutions supported by a world-class sales and service organization. This includes the DXi®-Series, the first disk backup solutions to extend the power of data deduplication and replication across the distributed enterprise. As a long-standing and trusted partner, the company works closely with a broad network of resellers, OEMs and other suppliers to meet customers' evolving data protection needs.



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