

# Scalar i40

The Intelligent Entry-Level Tape Library



The Quantum Scalar® i40 is the easy-to-use entry-level tape library for the growing storage needs of small-sized businesses, and remote office environments of larger enterprises. The Scalar i40 saves time by simplifying everything from initial set-up and on-going management, to adding capacity over time.

The Scalar i40 includes 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 benefits both small businesses and remote offices in that 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 shown to reduce service calls by 50%. Proactive diagnostics provide easy-to-understand messages with specific corrective actions, allowing you to avoid downtime and spend more time doing other things besides managing the backup environment.

Keeping up with data growth is simplified with the Scalar i40 tape library. 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 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, the Scalar i40 supports the US Federal government recommended encryption standard for the highest levels of security. Data encryption ensures your data is protected even while being stored offsite.

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

- SCALAR i40 PROVIDES 25 TO 40 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 providing time savings
-  **Increased Reliability** – Industry-leading RAS features and proactive monitoring have proven to reduce service calls by 50%
-  **Compliance and Security** – Supports Government level security with the highest level Encryption Standard

**PHYSICAL SPECIFICATIONS**

	25 Active Tape Positions (Base)	40 Active Tape Positions (with COD License)
<b>Active Tape Slots (base)</b>	25	40
<b>Magazines</b>	2 (20-slot and 5-slot)	2 (20-slots each)
<b>Max. native capacity</b>	20TB	32TB
<b>Import/Export</b>	0 to 5, in addition to 25 data slots	0 to 5, subtract from 40 data slots
<b>Barcode Reader</b>		Standard
<b>Remote Management</b>		Standard
<b>Rack Space</b>		3U
<b>Physical Dimensions (H x W x D)</b>	5.2" x 17.5" x 31.2" (13.2cm x 44.6cm x 79.2cm)	
<b>Weight</b>	64 lbs (29 Kg)	
<b>Drive Type</b>	LTO-4	
<b>No. of Drives Supported</b>	Up to 2*	
<b>Interface Options</b>	FC 4Gb (LC connector) SAS 3Gb (SFF-8088 connector)	
<b>Library MITR</b>	Less than 30 minutes	
<b>Diagnostics</b>	Embedded monitoring of major library subsystems, self-diagnostic procedures, and policy-based email and pager alerts to system administrators and Quantum Global Services	

**COMPATIBILITY**

The Scalar i40 has broad compatibility with storage software and hardware components, consult the most recent Quantum Compatibility Guide on [www.quantum.com](http://www.quantum.com) for a complete list.

**COMPLIANCE AND CERTIFICATION**

<b>Safety Standards:</b>	IEC 60950 with all world-wide country deviations
<b>Emissions Standards:</b>	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
<b>Immunity Standards:</b>	EN55024, KN24
<b>International Certifications:</b>	CE (Europe), VCCI (Japan), GS (Germany), FCC (USA), ICES (Canada), NRTL (USA & Canada)

**ENVIRONMENT**

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

\* The Scalar i40 supports up to 2 Half-Height tape drives, or 1 Full-Height tape drive. Support for LTO-4 drive-based encryption; future support for LTO-5 drive-based encryption.

**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 is customer installable; however, installation and integration services are available.

**MODELS AND DESCRIPTIONS**
**Base Libraries**

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
LSC14-CH4G-119A	Scalar i40 Library, one LTO-4 FH tape drive, 25 slots, Fibre Channel
LSC14-CH4M-119A	Scalar i40 Library, one LTO-4 FH tape drive, 25 slots, SAS

**Upgrades and Options**

LSC1S-ULSL-015A	Quantum Scalar i40 COD License, 15 slots
LSC14-UDTK-000A	Quantum Scalar i40 Desktop Kit
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-UTDM-L4HB	Quantum Scalar i40/i80 Tape Drive Module, LTO-4 FH, SAS
LSC1S-UTDG-L4HB	Quantum Scalar i40/i80 Tape Drive Module, LTO-4 FH, Fibre Channel



For contact and product information,  
visit [quantum.com](http://quantum.com) or call **800-677-6268**

# Quantum®

**Backup. Recovery. Archive. It's What We Do.**

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**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.