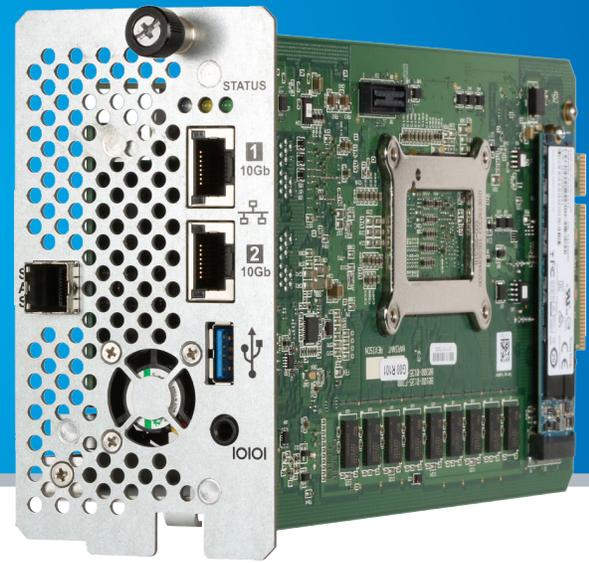


Quantum®

Scalar iBlade



> DATASHEET

Enabling Greater Efficiency Through Converged Solutions

The amount of data under management by IT organizations continues to grow faster than IT budgets. This divergence is expected to continue for the foreseeable future and is driving IT organizations to seek greater efficiencies—in both CAPEX and OPEX—wherever possible.

The use of converged infrastructure is one tool available to improve efficiencies. The benefits of converged solutions include reduced data center footprint, lower power and cooling costs, lower maintenance costs, and streamlined management. These benefits are valuable, particularly for storage, as data growth has resulted in more complex infrastructure. Scalar® iBlade™ enables converged solutions with a server and supported applications integrated into Scalar i6 or Scalar i3 tape libraries.

INCREASED EFFICIENCY

Scalar iBlade integrates into a Scalar i6 or Scalar i3 library without consuming data center rack space or additional power drops—resulting in more efficient use of data center resources, including lower power and cooling costs plus easier management from a single, integrated user interface.

VEEAM TAPE SERVER

Scalar iBlade for Veeam tape server enables a converged solution, eliminating the need for an external physical server. As companies rely on the 3-2-1 policy for data protection along with an air gap for ransomware protection, tape continues to be a valuable tool for data protection. By integrating the tape server into the library, Veeam customers can now realize the benefits of tape in a converged solution.

SCALAR LTFS

Unstructured data is the fastest-growing data type for IT organizations across all industries. Active archives are a proven tool for preserving and protecting these large and growing data sets. Scalar iBlade with Scalar linear tape file system (LTFS) enables a NAS tape archive for file-based storage of unstructured data in a converged solution. The active archive provides easy access to users' files because it's just a NAS share, and the integrated solution is easy for IT to manage and configure.

FEATURES & BENEFITS

Converged Solution

Reduce CAPEX and OPEX by running embedded applications inside Scalar libraries.

Integrated Management

Save administration time by configuring and managing the Scalar iBlade and Scalar libraries from a single interface.

Veeam Tape Server Option

Eliminate the need for a dedicated physical tape server with this exclusive converged solution for Veeam.

Scalar LTFS Option

Create a NAS tape archive for file-based storage of unstructured data with integrated LTFS.

Appliance-like Solution

Easy installation and support with an integrated solution configured for optimum task performance.

> LEARN MORE:
www.quantum.com/scalar

TECHNICAL SPECIFICATIONS

GENERAL

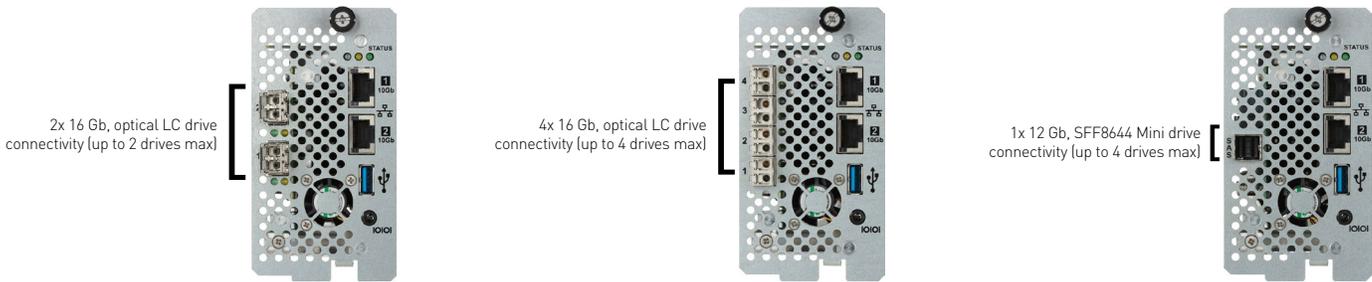
Library Support:	Scalar i6, Scalar i3
Form Factor:	Installs into library bay
Drive Support:	Any drive supported by the library; maximum two or four drives per iBlade

SERVER

Processor:	Intel D1517
RAM:	16 GB DDR4 RAM
eMMC:	128 GB eMMC
SSD:	512 GB SATA M.2
Ethernet:	2x 10 GbE, RJ45 Copper
Tape Drive Interface	
SAS:	12 Gb, SFF8644 Mini
FC:	16 Gb, optical LC

CONNECTIVITY

Each iBlade includes two 10 GbE ports with RJ45 copper connectors for network connectivity. There are three different models to choose from, depending on tape drive connectivity requirements. A USB port is available for service use only.



AVAILABLE MODELS

Description	Operating System	Drive Support	Library Support
Scalar iBlade for Veeam tape server, 10 GbE SAS	Windows Server 16	Up to four SAS	Scalar i3
Scalar iBlade for Veeam tape server, 10 GbE dual-port FC	Windows Server 16	Up to two FC	Scalar i6 and i3
Scalar iBlade for Veeam tape server, 10 GbE quad-port FC	Windows Server 16	Up to four FC	Scalar i6 and i3
Scalar iBlade, Scalar LTFS interface, 10 GbE SAS	CentOS 7.2	Up to four SAS	Scalar i3
Scalar iBlade, Scalar LTFS interface, 10 GbE dual-port FC	CentOS 7.2	Up to two FC	Scalar i6 and i3
Scalar iBlade, Scalar LTFS interface, 10 GbE quad-port FC	CentOS 7.2	Up to four FC	Scalar i6 and i3

Refer to the Scalar i3 and Scalar i6 datasheets for environmental and regulatory compliance details.

ABOUT QUANTUM

Quantum is a leading expert in scale-out tiered storage, archive, and data protection, providing solutions for capturing, sharing, and preserving digital assets over the entire data lifecycle. From small businesses to major enterprises, more than 100,000 customers have trusted Quantum to address their most demanding data workflow challenges. Quantum's end-to-end, tiered storage foundation enables customers to maximize the value of their data by making it accessible whenever and wherever needed, retaining it indefinitely and reducing total cost and complexity. See how at www.quantum.com/customerstories.