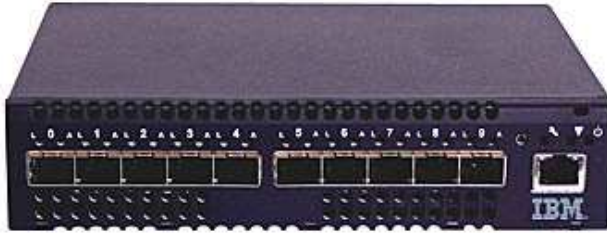


Affordable, Capable, and Extremely easy to use,  
4-Gbps functionality for small SAN configurations



## IBM System Storage SAN10Q



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### Highlights

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- **Small and Capable—1U, 4Gbps, 10-port, half-width rack.**
- **Flexible—rack-able or standalone form factor.**
- **Designed to Improve Manageability—no-wait routing helps maximize performance independent of data traffic.**
- **Simple to use—auto-sensing, self-configuring ports.**
- **Logical choice—intuitive and affordable migration from direct attached storage to SAN.**
- **Complete package—SANSurfer Express software helps simplify switch installation, managing and fabric scaling.**

Affordable, capable, and extremely easy to use, the entry-level IBM® System Storage™ SAN10Q allows even the smallest business to enjoy the benefits of networked storage without having to hire a SAN expert.

### Small, powerful package

With a small form factor of only 0.9kg (2lbs) and 1U deep, the IBM System Storage SAN10Q is a true space-saver—requiring only one-half a rack slot. This means two Fibre Channel switches can be racked in a single slot for a total of 20 ports. All ports are auto-discovering and self-configuring, which helps allow maximum port density and power with a minimum investment.

### Plug and play installation

Simple software wizards lead you through the installation and configuration of a SAN. SANSurfer Express management application software is included and provides convenient access to your IBM switches and HBAs. It is designed to allow you to manage and provision your storage from one tool.

### Get it now

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Go to [ibm.com/systems/x](http://ibm.com/systems/x) or call 1 888 ShopIBM to buy direct or to locate an IBM reseller.

### Key performance features

- **Fabric port speed:**  
4-Gbps, full-duplex, auto-negotiating for compatibility with existing 2-Gbps and 1-Gbps devices.
- **Fabric latency:**  
Fabric Point-to-Point Bandwidth: up to 848-Mbps full duplex per port.
- **Fabric Aggregate Bandwidth:**  
Single chassis—up to 80-Gbps (full duplex) end-to-end.
- **Maximum frame sizes:**  
2148 bytes (2112-byte payload).
- **Per-port buffering:**  
ASIC-embedded memory (non-shared) and 8-credit zero wait for each port.

### Management software included

SANSurfer Switch Manager and SANSurfer Express storage management software helps simplify storage management tasks through an intuitive GUI interface. The software can help lower the workload of IT support for SME and SMB users by helping enable them to manage their SAN through a virtual disk services (VDS). SANSurfer Express helps improve the VDS experience by enabling management of heterogeneous OS environments from a single console.

## IBM System Storage SAN10Q specifications at a glance

<b>Technology</b>	Fibre Channel switch (Classes 2, 3 connectionless)
<b>Part number</b>	6918-10X
<b>Form factor</b>	1U, half-rack Width: 190.5mm (7.5") Height: 1U, 41.9mm (1.65") Depth 155.6mm (6.125")
<b>Ports per chassis</b>	10 (4Gb/2Gb/1Gb) ports
<b>Media type</b>	Hot-plug
<b>Media transmission range</b>	Optical Shortwave: 500m (1,640 ft.) Longwave: 10km (6.2 mi.)
<b>Data transfer rate<sup>1</sup></b>	Up to 4GBps
<b>Cable types</b>	50/62.5 micron multimedia fiber optic 9 micron single-mode fiber optic
<b>Interoperability</b>	Compatible with FC-SW-2 compliant switches Management interoperability with leading SAN management applications
<b>Operating</b>	Temperature: 5 to 40°C (41 to 104°F) Humidity: 15% to 90% non-condensing Altitude: 0 to +15,000 feet
<b>Operating voltage</b>	90-265 Vac, 47-63Hz
<b>Power source loading</b>	20VA
<b>Heat output</b>	25W maximum (with full optics configuration)
<b>Limited warranty<sup>2</sup></b>	3 years parts and labor



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<sup>1</sup> Data transfer rate depends on many factors and may be less than the maximum stated. Achievement of 4Gbps throughput requires 4Gbps capable infrastructure.

<sup>2</sup> IBM hardware products are made from new parts, or new and serviceable used parts. Regardless, our warranty terms apply. For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC 27709, Attn: Dept. JDJA/B203. IBM makes no representation or warranty regarding third-party products or services.

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Canada **1 888 411-1WEB**

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Canada **1 800 426-2255**

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