

IBM Storage Networking SAN32C-6

SAN32C-6 Specifications

Feature	Benefit
High performance	<ul style="list-style-type: none"> Provides 32-Gbps line-rate, non-blocking, predictable, low-latency performance across all traffic conditions for every Fibre Channel port in the switch.
High Availability	<ul style="list-style-type: none"> Provides optional redundancy on all major components such as power supply and fan. Dual power supplies allow power grid redundancy.
Pay-as-you-grow scalability	<ul style="list-style-type: none"> Provides an option to deploy as few as eight 32-Gbps Fibre Channel ports in the entry-level variant, which can grow by eight ports to 16 ports and thereafter with a port expansion module with sixteen 32-Gbps ports, to up to 32 ports. This results in lower initial investment and power consumption for entry-level configurations of up to 16 ports when compared with a fully loaded switch. This also reduces the overhead of managing multiple instances of port activation licenses on the switch.
Capital expenditure savings	<ul style="list-style-type: none"> Allows users to deploy on existing 16/8/4-Gbps transceivers, reducing capital expenditure with an option to upgrade to 32-Gbps transceivers and adapters in the future.

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Product Number	8977-T32
Hot-swappable components	Power supplies, fan modules, small form-factor pluggable
Warranty	One-year, customer-replaceable unit (CRU), IBM On-Site Limited, 9x5 Next Business Day; 24—7 same day maintenance service options are available
Dimensions	4.37 cm (1.72 in) H x 43.94 cm (17.3 in) W x 51.08 cm (20.11 in.) D, 1RU; rack-mountable in standard 19-inch Electronic Industries Alliance (EIA) rack
Weight	Fully configured chassis: 9.82 kg (21.65 lb)
Airflow	Back to front (toward ports)
Ports	<p>Available in an 8-port activated base model with different additional pay-as-you-grow scalability options. Enable incremental ports with:</p> <ul style="list-style-type: none"> 8-port 16G Bundle (FC AJKN) Initial order only. Provides eight 16G SW transceivers for the 8 enabled ports in the base. 8-port 32G Bundle (FC AJKP) Initial order only. Provides eight 32G SW transceivers for the 8 enabled ports in the base. 16-port 16G Expansion Module Bundle (FC AJKQ) Includes 16 enabled ports and sixteen 16G SW transceivers. 16-port 32G Expansion Module Bundle (FC AJKR) Includes 16 enabled ports and 16 32G SW transceivers. 24-port 16G Enterprise Bundle (FC AJKM). Initial orders only. Provides 24 active ports and 24 16G SW transceivers, Enterprise License, 4 Fans, 2 PSU. <p>Up to 32 32-Gbps configurable ports. Additional transceivers available through the T32 16-port expansion module (FC AJKS).</p>

SAN - Entry Switches Data Sheet



Performance	<p>Port speed: 4/8/16/32-Gbps autosensing with 32 Gbps of dedicated bandwidth per port</p> <ul style="list-style-type: none"> • Buffer credits: Up to 8,300 for a group of 16 ports, with a default of 500 buffer credits per port and a maximum of 8,191 buffer credits for a single port in the group • PortChannel: Up to 16 physical links
Other optional features	<p>Enterprise Package eDelivery (FC AJJC)</p> <ul style="list-style-type: none"> • DCNM Advanced Edition - eDelivery (FC AJJD) • 8-port On-Demand - eDelivery (FC AJJE)
Network management	<ul style="list-style-type: none"> • Access methods <ul style="list-style-type: none"> • 2 Out-of-band 10/100/1000 Ethernet ports <ul style="list-style-type: none"> ◦ mgmt0: 10/100/1000 optical port ◦ mgmt1: 10/100/1000 base-T port • RS-232 serial console port • USB power-on-auto-provision • Access protocols <ul style="list-style-type: none"> • CLI using the console and Ethernet ports • SNMPv3 using the Ethernet port and in-band IP over Fibre Channel access • Storage Networking Industry Association (SNIA) Storage Management Initiative Specification (SMI-S) • NX-API for restful access of HTTPS • Distributed device alias service • Network security • Per-VSAN RBAC using RADIUS and TACACS+-based authentication, authorization, and accounting (AAA) functions • SFTP • SSHv2 implementing AES • SNMPv3 implementing AES • Management applications <ul style="list-style-type: none"> • IBM Storage Networking Family CLI • DCNM
Platform compatibility	<p>For detailed information about hardware and software compatibility as well as product interoperability, please visit the IBM System Storage Interoperation Center (SSIC) ibm.com/systems/support/storage/ssic/interoperability.wss</p>
Recycling parts	<p>IBM does not recommend the removal of its product batteries due to safety reasons. Please utilize the IBM Product Collection and Recycling Take Back Programs</p>

For more information, please refer to the [IBM Storage Networking SAN32C-6 Redbooks Product Guide](#)

SAN - Entry Switches
Data Sheet



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