

Table 2 shows the management specifications for the IBM Storage Networking SAN128B-6 Switch.

Table 2 Management specifications

Supported management software	HTTP, SNMP v1/v3 (FE MIB, FC Management MIB), SSH; Auditing, Syslog; Advanced Web Tools; IBM Network Advisor SAN Enterprise or IBM Network Advisor SAN Professional Plus; Command Line Interface (CLI); SMI-S compliant; trial licenses for add-on capabilities.
Security	DH-CHAP (between switches and end devices), FCAP switch authentication; HTTPS, IPsec, IP filtering, LDAP with IPv6, OpenLDAP, Port Binding, RADIUS, TACACS+, user-defined Role-Based Access Control (RBAC), Secure Copy (SCP), Secure RPC, Secure Syslog, SFTP, SSH v2, SSL, Switch Binding, Trusted Switch. The IBM Storage Networking SAN128B-6 switch provides up to 12 in-flight encryption and compression ports.
Management access	10/100/1000 Mbps Ethernet (RJ-45), serial port (RJ-45), and one USB port
Diagnostics	ClearLink optics and cable diagnostics, including electrical/optical loopback, link traffic/latency/distance; flow mirroring; built-in flow generator; POST and embedded online/offline diagnostics, including environmental monitoring, FCping, and Pathinfo (FC traceroute), frame viewer, non-disruptive daemon restart, optics health monitoring, power monitoring, RAS trace logging, and Rolling Reboot Detection (RRD)

Table 3 shows the mechanical specifications for the IBM Storage Networking SAN128B-6 Switch.

Table 3 Mechanical specifications

Enclosure	Front-to-back airflow; non-port-side exhaust; port-side intake; 2U Back-to-front airflow; non-port-side intake; port-side exhaust; 2U
Size	Width: 44.0 cm (17.32 in.) Height: 8.67 cm (3.41 in.) Depth: 60.96 cm (24 in.)
System weight	21.31 kg (47.00 lb) with two power supply FRUs, and three fan FRUs without transceivers

Table 4 shows the environmental specifications for the IBM Storage Networking SAN128B-6 Switch.

Table 4 Environmental specifications

Operating environment	Temperature: 0°C to 40°C/32°F to 104°F Humidity: 10% to 85% (non-condensing)
Non-operating environment	Temperature: -25°C to 70°C/-13°F to 158°F Humidity: 10% to 90% (non-condensing)
Operating altitude	Up to 3,000 m (9,842 ft)
Storage altitude	Up to 12 km (39,370 ft)
Shock	Operating: Up to 20 G, 6 ms half-sine Non-operating: Half-sine, 33 G 11 ms, 3/eg axis
Vibration	Operating: 0.5 g sine, 0.4 grms random, 5 to 500 Hz Non-operating: 2.0 g sine, 1.1 grms random, 5 to 500 Hz
Heat dissipation	128 ports at 3,512 BTU/hr