



High-Speed Serial Interconnection



Serial Attached SCSI (SAS)

After many years in service, the parallel SCSI has reached its technological limits of performance. The new generation of interconnectivity solutions for the data storage industry is Serial Attached SCSI (SAS). With a point-to-point architecture in which storage devices connect directly to the SAS ports, increases data throughput and improve the ability to fix disk failures. The SAS standard is designed with an infrastructure that is compatible with SATA drives giving IT managers the flexibility to choose solutions. The speed of the first generation SAS is 3.0 Gb/s, the links are duplex, which means that they send and receive information simultaneously, reducing latency.

SAS Features

Speed: First-generation SAS link speed is 3.0 Gb/s. The second generation will reach 6.0 Gb/s.

Full Duplex: SAS links send and receive information simultaneously which will reduce latency.

SATA compatibility: SAS infrastructure will be compatible with SATA drives, allowing for both technologies to exist in the same system.

Connector: SAS and SATA devices will share the same physical device connector, SAS will accept SATA, but SATA will not accept SAS.

Bandwidth: SAS interface allows for combining multiple links to create 2x, 3x, or 4x connections for scalable bandwidth.

SAS Connector

SAS will share the same physical device connector as SATA, allowing for SATA devices to connect to SAS, but not the other way around. This will provide customers with maximum flexibility in system configuration. The SAS connector has been enhanced with a second data port. This port will provide independent path from one SAS device to another. If one path fails, there is still communication kept with the other path.



Company Profile



BizLink is a global manufacturer of connectors, wire, cable assemblies, wiring harnesses and optical components. With

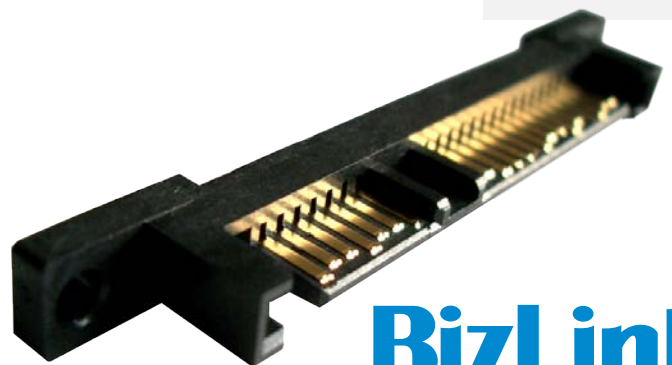
factories in China, Malaysia and Mexico, and with sales and engineering support in US, Ireland, Japan and Taiwan, we can not only give you all the benefits as an Asian manufacturer, but also serve you as a local manufacturer. We have RoHS infrastructure in our factories and are ISO9001, ISO14001, TSI6949 (QS9000), UL and CSA certified as well.

Quality & Service



We maintain in-house Q&A labs at our main manufacturing facilities which have all the equipment and expertise to

perform all mechanical, electrical and environmental tests on all materials and components right on the factory floor. In addition to our own design, we can also manufacture according to your specifications. With our vertically integrated business model we can do not only the cable assembly, but the the wire and connector as well.



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