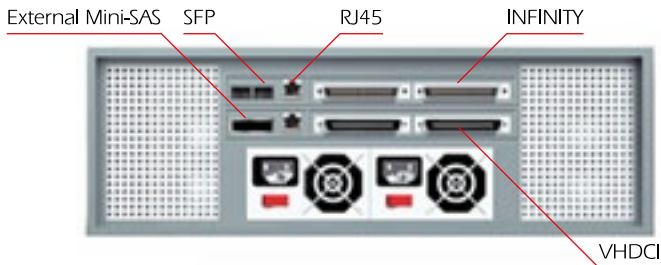
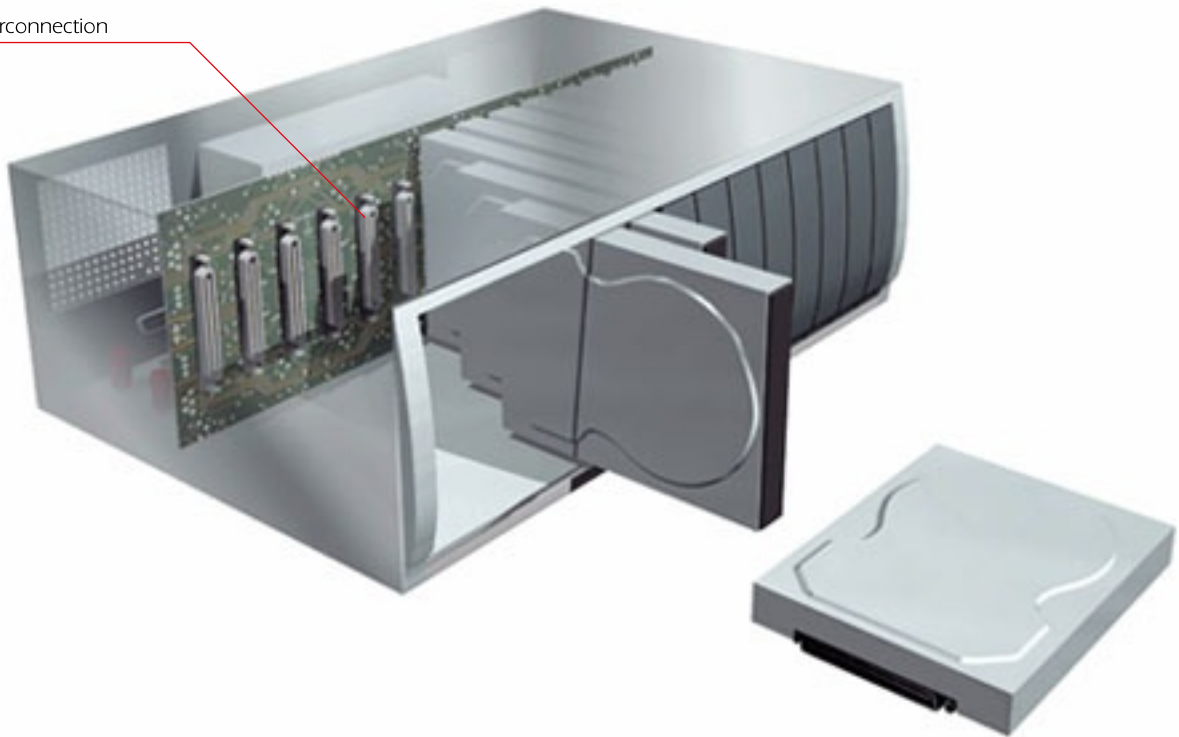


Storage System

In addition to providing interconnect solutions to device modules such as hard disk drives, Amphenol also provides an integrated solution to system level connection environments. The Amphenol TCS division provides the widest range of high-speed, high-density, backplane interconnect solutions tailored to customers' needs for speeds ranging from less than 1 Gbps to 25 Gbps. Amphenol Commercial Products supplies a full range of devices for board interconnections that meet traditional as well as the latest industrial standards including SATA, SAS, PATA, SCSI, SCA2, Mini-SAS and slimline SATA. The solution covers board mount connectors, device I/Os and cable assembly. A full suite of external I/Os includes RJ45, VHDCI, INFINITY, SFP, SFP+, external Mini-SAS, external SATA and the next generation XFP connector, with speeds ranging from less than 1 Gbps to beyond 80 Gbps.



Direct Attach Interconnection



Direct Attach Interconnection

Amphenol offers Direct Attachment interconnect solutions for disk drives on backplanes, SCA2 (Single Connector Attachment) allows SCSI disk drives to be directly attached to backplanes. Available also with SATA and SAS based interconnections.

Amphenol provides the intermating plugs or receptacles for disk drives. Customized cable assemblies are also available.



VHDCI

VHDCI (Very High Density Cable Interconnect) is designed to be compact. These fully shielded connectors support ESD/EMI protection, are capable of transferring data up to 5 Gbps, and meet EIA700A0AF specifications. VHDCI receptacles are available in both right angle and straddle mount configurations with or without shield EMI tables. Cable assemblies are available for customized requirements.



INFINITY

Amphenol's INFINITY 4X & 12X series of connectors facilitate data speeds up to 10 & 30 Gbps respectively, as required by InfiniBand™, Fiber Channel and Serial Attached SCSI Trade Associations, with superior EMI performance. INFINITY connectors are high-density and hot pluggable and they meet SFF-8470 specifications. A variety of receptacles, plugs and cable assemblies are available to fit multiple connectors into a 1U form factor and PCI bracket.



External Mini-SAS

Amphenol's External Mini-SAS is one of the latest members of the high-speed I/O family. This connection system is based on industry-proven card edge style contacts. Mini-SAS is designed to satisfy the needs for gigabit serial data transmission with signal speeds across the connector interface of up to 3 Gbps and higher. The cage is mounted separately to the body so that the stress imposed by insertion and removal of the cable plug does not affect the signal / body solder joints.