



DATA CENTER STORAGE

STORAGE SOLUTIONS THAT GROW WITH YOUR DEMAND.

As the Internet of Things (IoT) expands and the growing connected world generates exponentially more data, efficient and reliable storage solutions become even more critical within the data center. Whether you are designing to scale up or scale out with your data center storage solutions, TE connectivity (TE) has a broad range of input/output (I/O), board-to-board, power products and more to

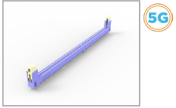
help you achieve your storage performance objectives. We combine innovation and quality, dependable products with the flexibility to deliver storage interconnect solutions practically anywhere in the world. We are your partner for creating the solutions that meet the demand of the next generation of our data-driven world.

FIND OUT MORE
te.com/storagesolutions



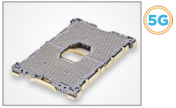
MEMORY & SOCKETS

We have a range of solderless, compression-mount sockets and the latest in memory connectors.



DDR4 DIMM

Space savings, reduced height, improved power consumption, and higher data rates than the DDR3.



Land grid array (LGA) Sockets

Socket technology for microprocessor packages up to 10,000+ positions.



SATA Connectors

Alignment-free and slant insertion styles provide solutions for PCB space saving.



SAS Connectors

These mainstream storage solutions are designed to support differential signaling at speeds of up to 12 Gbps.



Mini PCI Express and mSATA

Right angle, surface mount expansion card sockets for express mini cards or display mini cards.

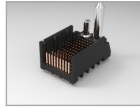
HIGH SPEED BACKPLANE

The right backplane solution provides high-speed and critical scalability for growing data demand.



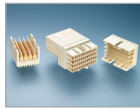
STRADA Whisper Connectors

Transfer data at speeds of 56 Gbps with scalability up to 112 Gbps—upgrade without costly backplane redesigns.



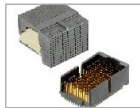
Impact Connectors

This system is available in two designs providing flexibility to optimize for advanced mechanical and electrical performance.



Z-PACK Slim UHD High-Speed Connectors

Designed to be among the densest connectors with the smallest possible footprint to free up valuable PCB space.



Z-PACK TinMan Connectors

A proven performer now with reduced impedance.

INTERNAL INTERCONNECTS

Our latest high-speed, high-density connectors support a variety of storage designs.



Sliver Interconnects

Flexible, robust & provides optimal signal integrity, while also saving space and lowering design costs.



M.2 NGFF Connectors

Save more than 20% of PCB real estate compared to the PCI Express Mini Card.



Free Height Connectors

These versatile connectors are useful for downsizing applications that require parallel stacked circuit boards.



STRADA Mesa Connectors

These mezzanine connectors have a pin and socket signal design and offer integrated power contacts.



U.2 SFF-8639 Connectors

Rated up to 12 Gbps and is backwards compatible with SFF-8482, SFF-8630 and SFF-8680 products



Mini-SAS HD Connectors

12 Gb/s high-density, high-speed interface capable of supporting an aggregate data rate of 48 Gb/s per connector (12G x 4 lanes)

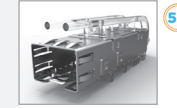


EDSFF Connectors

Sliver interconnects support EDSFF applications in vertical, right angle and orthogonal configurations

INPUT/OUTPUT (I/O)

Maximize your density and speed with our pluggable I/O products which support standard interfaces.



SFP/SFP+/zSFP+

SFP interconnects support data rates up to 56 Gbps. Many cage configurations offered provide excellent shielding options.



QSFP/QSFP+/zQSFP+

The quad small form factor pluggable (QSFP) portfolio of interconnects offers a large range of simple and customizable design options up to 56 Gbps.



Mini-SAS HD Connectors

Designed to provide next-generation speeds for both internal and external applications.

POWER

Robust and reliable bus bar, cable, hot-pluggable and blind mating solutions for storage applications.



MULTI-BEAM XLE Connectors

Space saving pluggable series with slim guide sockets and vented housing allows better heat dissipation.



ELCON Mini Power Connectors

Low profile solutions with up to 40A per contact and positive latch retention for cable-to-PCB applications.



RAPID LOCK Connectors

No install tools required for this fast, reliable replacement for power lugs.



Power Bus Bar Cable Assemblies

Provides efficient and reliable power distribution and quick installation in a plug-and-play design.

COPPER CABLE ASSEMBLIES

Supporting the latest standards for 56 Gbps and beyond. Custom solutions available.



QSFP28 Cable Assemblies

With 8 differential pairs, these assemblies provide 4 channels at speeds up to 56Gbps per channel.



Mini-SAS HD Cable Assemblies

Features 12G, high-density, high-speed interface designed to save 30 to 50.



CDFP Cable Assemblies

Easily handle increasing data usage with 16 channels of up to 28 Gbps data rates for 400 Gbps total bandwidth.



These solutions are helping to unlock the potential of 5G. Our portfolio of 5G solutions and capabilities address key challenges faced by design engineers around the world.*

