



## 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 has a broad range of input/output (I/O), board-to-board, power products and more to help you

achieve your storage performance objectives. TE combines innovation and quality, dependable products with the flexibility to deliver storage interconnect solutions practically anywhere in the world. TE is 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](https://te.com/storagesolutions)



## INTERNAL INTERCONNECTS

TE's latest high-speed, high-density connectors support a variety of storage designs.



### M.2 NGFF Connectors

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



### Mini PCI Express and mSATA

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



### SAS Connectors

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



### Free Height

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.

## INPUT/OUTPUT (I/O)

Maximize your density & speed with TE's pluggable I/O connector and cages which support standard interfaces for data rates up to 100G.



### SFP/SFP+

SFP+ interconnect system supports data rates of 10 Gbps signal speeds and is backward compatible with SFP. Many cage configurations offered provide excellent shielding options.



### QSFP/QSFP+

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



### Mini-SAS HD Connectors

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



### RJ point five Connectors

This next-gen Ethernet link offers higher density solutions for a competitive total cost of ownership per port.

## HIGH SPEED BACKPLANE

Help your high speed I/O design soar with the right backplane solution. Provide high-speed and critical scalability for growing data demand.



### STRADA Whisper Connectors

Transfer data at speeds of 25 Gbps with scalability up to 56 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.

## MEMORY & SOCKETS

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



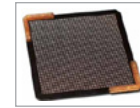
### DDR4 DIMM

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 1200+ positions.



### Ball grid array (BGA) Sockets

Our sockets with fully arrayed matrices of contacts are valuable for prototyping and development.



### SATA

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

## POWER

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



### MULTI-BEAM XLE Connectors

This hot pluggable series is a space saver with slim guide sockets and vented housing for better heat dissipation.



### MINIPAK HDL Connectors

Designed to reduce airflow impedance in 1U applications, this low profile can carry both power and signal.



### ET Power Connectors

Low profile solutions with positive latch retention for cable-to-PCB applications.

## COPPER CABLE ASSEMBLIES



### Copper Cables

Supporting the latest high-speed standards, our copper cable assemblies are engineered for 25 Gbps and beyond. Custom cabling solutions are also offered.

**STORAGE** Visit [TE.com](http://TE.com) for more products and solutions for Data Center Storage.

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