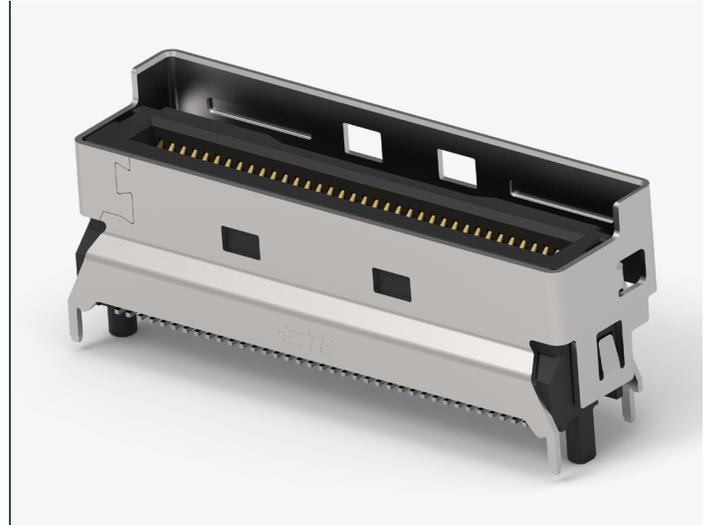


# INTRODUCING MCIO 85OHM X8 X16 VERTICAL RECEPTACLE

- Support SAS and PCIe protocols
- Increase design flexibility
- Save space



TE's expanded Mini Cool Edge IO 85ohm X8 X16 vertical receptacle into portfolio of internal cabled interconnects, now includes SlimSAS, SlimSAS Low Profile (LP) and Mini Cool Edge IO (MCIO) connectors and cable assemblies for SAS and PCIe Gen 4/Gen 5 server and storage applications. By replacing PCB trace and PCB connector interfaces with cabled connections, these products can provide a higher performing channel and the added flexibility of where/how to use signals in your system. Space savings is achieved with a low profile connector design and a 0.6mm pitch.

## APPLICATIONS

- Server inside connection
- CPU to backplane
- CPU to NIC card
- CPU to riser card
- CPU to CPU

## LEARN MORE

- [Landing Page](#)
- Brochure ([English](#)) ([Chinese](#))

## KEY BENEFITS

- The latest MCIO 85ohm can support PCIe5.0 (32Gbps) and SAS4 (24Gbps)
- Enables building block architectures in system design to connect different functionality PCBs together
- Provides flexibility of where/how to use signals in your system
- Replaces PCB trace and PCB connector interfaces for a higher performing channel
- Straight, right angle and lateral exit cable options available for custom routing
- Full portfolio enables hybrid-style cable assemblies
- Low profile connector design saves space
- 0.6mm pitch balances manufacturability with density
- Multiple cable exits for route-ability