

# SlimSAS High-Density Interconnect Cable Assembly

The SlimSAS is a high density interconnect system for servers and storage devices. It supports configurations of 4X 24Gbps/8X 24Gbps/16X 24Gbps and can replace HD MiniSAS products up to 1 meter in length.



## Product Overview

### SlimSAS High-Density Interconnect System

The SlimSAS high-density interconnect system is designed for modern servers and high-performance storage devices. It provides flexible configurations including 4X, 8X, and 16X lanes with data transfer capabilities of up to 24Gbps per lane. This solution serves as an advanced replacement for traditional HD MiniSAS cabling, offering superior signal integrity in a compact form factor up to 1 meter in length.

## Performance Specifications

### Max Data Rate

**24 Gbps**

Max Transfer Rate

Impedance Options	85 Ohm, 100 Ohm
Compliance Standards	SFF 8654, SAS 3.0, SAS 4.0, PCIe 4.0

## Technical Configuration

### Configuration Matrix

Connection Type	Orientation
SlimSAS 4i	Straight
SlimSAS 4i	Right Angle
SlimSAS 8i	Straight
SlimSAS 8i	Right Angle

### Wire Gauge

- 30 AWG
- 31 AWG
- 32 AWG
- 33 AWG
- 34 AWG

Drain Type	Single & Dual drain optional
------------	------------------------------

## Target Applications

### Industry Applications

- Servers
- Switches & Routers
- Storage Systems
- RAID Systems
- Direct Attached Storage (DAS)
- SAS/SATA/PCIe HBA Interfaces