

# Mini SAS HD Internal Interconnect Connector

The Mini SAS HD connector is designed for implementing SAS internal interconnect solutions. It is a 36-pin high-density SAS connector with a plastic body commonly used for internal connections.



## Overview

### High-Density SAS Interconnect Solution

The Mini SAS HD internal interconnect connector is a 36-pin high-density solution engineered for robust internal SAS links between SAS HBA and drive subsystems. It supports high-speed data transmission for both SAS 3.0/4.0 and PCIe 4.0 16.0GT/s applications. With a focus on signal integrity and compact design, it provides versatile impedance options and support for various wire gauges.

## Technical Specifications

### Supported Impedance

- 85
- 100

### Pin Count

36

### Compliance Standards

SFF-8613, SFF-8643, SAS 3.0, SAS 4.0, PCIe 4.0

### Wire Gauge Support

30-32 AWG

## Product Configuration

### Available Configurations

Type	Straight	Right Angle	Side Exit
4i	Yes	Yes	Yes
8i	Yes	Yes	Yes

## Market Applications

### Primary Applications

Servers • Routers • Storage Systems • RAID Systems • Direct Attached Storage • HBA Interfaces