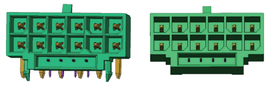
Internal HSIO + Storage Connectors + Power Header

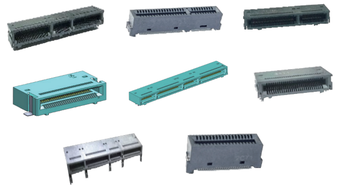
PCIe 12V-2x6 Power



Features

- Pin count: 2×6 + 4SBs
- Type: Vertical & Right Angle
- Pitch: Power pin 3.0mm × 3.0mm, Signal Pin 2.0mm
- Current: 9.2A
- Application: Networking, Server, Storage, Big Data, Cloud, Datacenter, Edge Computing, and HPC

SFF-TA-1002 Connector



Features

- Pin count: 56/84/140/168
- Type: Vertical & Right Angle
- Signal: PCIe Gen5
- Current: 1.1A per contact
- Follow SFF-TA-1002 spec
- Application: Networking, Server, Storage, Big Data, Cloud, Datacenter, Edge Computing, and HPC

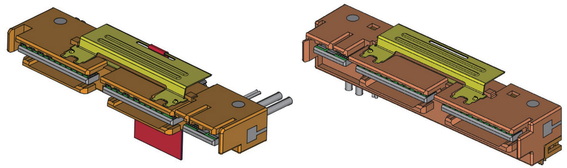
SFF-TA-1020 Connector

Features

- Pin count: 56/84/140/168
- Type: Vertical & Right Angle
- Signal: PCIe Gen5
- Current: 1.1A per contact
- Follow SFF-TA-1020 spec
- Application: Networking, Server, Storage, Big Data, Cloud, Datacenter, Edge Computing, and HPC

MXIO cable

MXIO cable (SFF-TA-1033)



SFF-TA-1033 is a combination connector which includes two standard MCIO, 12Pins of SB, and 4Pins of Power. Providing multi-functions in space-saving manner.

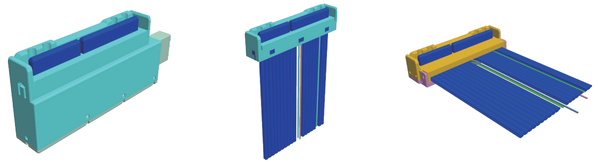
The combination form factor, with 0.6mm pitch for STD MCIO and SB, is capable of transmitting high-speed signal up to PCIe Gen 5 and target for PCIe Gen 6. MXIO's total support is 21A power, modularized expansion for SB and Power.

Targets standard form factors and covers common applications used in data centers such as PCIe/NVMe/OCP NIC...etc.

Features

- Pitch 0.6mm, combo connector
- Up to PAM4 56Gbps, over 1m transmission distance
- Dual-use, supporting both cable and card edge connection with one identical connector

MCIO cable (SFF-TA-1016)



Features

- 1.57mm PCB card thickness compatible with PCIe rise card
- Small size design with pitch 0.6mm connector
- Multiple pin configurations possible: 4X (38-pin), 8X (74-pin), and 16X (124-pin)
- Supports signaling rates up to 32GT/s and 56GT/s NRZ, and 112GT/s PAM-4 in the future
- Straight, Right Angle, or optional Customized Cable Plug types available
- 30-32AWG available in discrete and ribbon cable
- Supports 85ohm impedance applications
- RoHS compliant

Internal High Speed Products

Product & Specifications

www.fit-foxconn.com

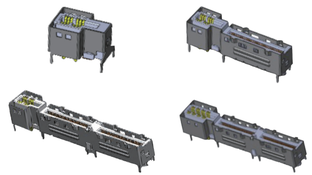
Internal HSIO + Storage Connectors + Power Header

MCIO Connector

Features

- Pin count: 38/74/124/148
- Type: Vertical & Right Angle
- Signal: PCIe Gen5/Gen6
- Current: 1.1A per contact max
- Follow SFF-TA-1016 spec
- Application: Networking, Server, Storage, Big Data, Cloud, Datacenter, Edge Computing, and HPC

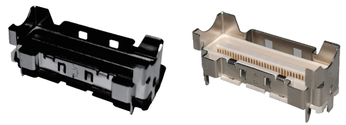
MXIO Connector



Features

- Configurations: X8 + Power, X16 +Power, Power only
- Type: Vertical
- Signal PCIe Gen5/Gen6
- Supports 21A/34A/55A Power
- Follow SFF-TA-1033 spec
- Application: Networking, Server, Storage, Big Data, Cloud, Datacenter, Edge Computing, and HPC

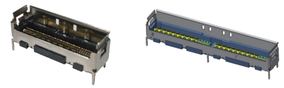
Swift Connector



Features

- Pin count: 74
- Type: Vertical
- Signal: PCIe Gen5
- Current: 0.5A per contact
- Application: Networking, Server, Storage, Big Data, Cloud, Datacenter, Edge Computing, and HPC

Nearstack Connector



Features

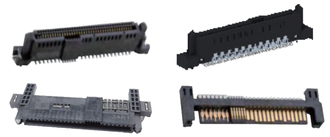
- Pin count: 74/144
- Type: Vertical
- Signal: PCIe Gen5
- Current: 0.65A per "S" contact max, 0.30A per "SB" contact max
- Follow SFF-TA-1026 spec
- Application: Networking, Server, Storage, Big Data, Cloud, Datacenter, Edge Computing, and HPC

EDSFF Connector

Features

- Pin count: 56/84/224
- Type: Pressfit & Hybrid
- Signal: PCIe Gen5
- Current: 1.1A per contact
- Pin define: follow SFF-TA-1009
- Application: Networking, Server, Storage, Big Data, Cloud, Datacenter, Edge Computing, and HPC

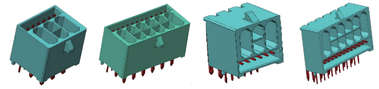
PCIe SAS Connector



Features

- Pin count: 68
- Type: Vertical & Right Angle
- Signal: PCIe Gen5
- Current: 1.5A per power contact
- Follow SFF-TA-1002 spec
- Application: Networking, Server, Storage, Big Data, Cloud, Datacenter, Edge Computing, and HPC

M-PIC Connector



Features

- Pin count: 2×6 + 12SBs, 2×3 + 6SBs
- Type: Vertical & Right Angle
- Pitch: Power pin 3.0mm × 3.0mm, Signal Pin 1.5mm
- Current: 12A for 2×6 + 12SBs, 13.5A for 2×3 + 6SBs
- Application: Networking, Server, Storage, Big Data, Cloud, Datacenter, Edge Computing, and HPC

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