

- [Connector Definitions](#)
- [SAS ?????? ??????DAS](#)
- [SFF-8087??](#)
- [SFF-8484??](#)
- [SFF-8485??](#)

Host Connector?Drive Connector?????Cable????Cable?????Connector????SATA?????????????????  
 wide port????????????SATA????????SATA?eSATA????SAS????????SAS??wide port?????????????????  
 ?SATA????????Cable????Connector????????SAS??SF????????????????????????????????Connector?Cable?  
 ?????????????

**1.Internal**

- \*SFF-8484?Internal Multilane Connector and Cable
- \*SFF-8087?Internal Mni Multilane Connector and Cable

**2.External**

- \*SFF-8470?External Multilane Connector and Cable
- \*SFF-8088?External Mni Multilane Connector and Cable

**3.Other**

- \*????????????????????????????????????????????????????????Highpoint??IEEE1394 ??SAS Physical layer???ware???"?????"?  
 ???ware 9550SX-12????????InfiniBand 4X Connector?

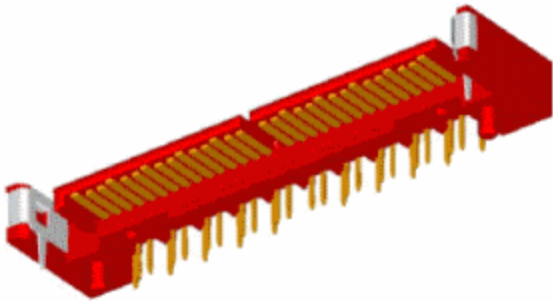
????Cable????????????????SAS????????(Physical Layer)????????Connector????????????SAS Drive Connector?  
 ??????

Device connector		
Pin	Signal	Notes
S1	GROUND	Primary phy
S2	RP+	
S3	RP-	
S4	GROUND	
S5	TP-	
S6	TP+	
S7	GROUND	
S8	GROUND	Secondary phy (no-connects on SAS single-phy drives, SATA drives, and narrow cables)
S9	RS+	
S10	RS-	
S11	GROUND	
S12	TS-	
S13	TS+	
S14	GROUND	

????????????????????????????????????????????????????????????Host Connector??????????

Host connector	
Pin	Signal
S1	GROUND
S2	TP+
S3	TP-
S4	GROUND
S5	RP-
S6	RP+
S7	GROUND

????????????????Host Connector(???backside??)??Drive Connector?Primary phy link(Secondary phy link?????)?????????????narrow link?????????????wide port?narrow link?????????SAS?????????wide port?????SATA????????? ??wide port????????4?narrow link?????Storage?????Internal Wide Connector????????????????



Pin	Signal
S1	Ix 0+
S2	Tx 0-
S3	Rx 0-
S4	Rx 0+
S5	Ix 1+
S6	Tx 1-
S7	Rx 1-
S8	Rx 1+
SB0	Sideband
SB1	Sideband
SB2	Sideband
SB3	Sideband
S9	Ix 2+
S10	Tx 2-
S11	Rx 2-
S12	Rx 2+
S13	Ix 3+
S14	Tx 3-
S15	Rx 3-
S16	Rx 3+

??????wide port?????4?narrow link?????SAS????SMP?????????wide port???Expander?????Storage?????????  
 ???sideband????????????SGPIO????????????????????????????????????????????????????????????LED????????????????????backplane?????  
 SGPIO????SAS Cable????SGPIO?????

??wide-port????????????????????cable????SCSITA?????????-SAS Integrators Guide????????cable?????????????????  
 ????????????????

??SATA HBA????????????????SAS????????????RAID HBA?????Areca???IOP331??-ARC-1120?



??Cache Memory?DDR333 256MB?IOC?Marvell?????????SATA Port x8?????PCI-X?????????IOP331???Host Bus?  
?PCI-X?????????????????????SATA port?????????????????????PCB?????????????????????SATA  
Storage?????????????????SATA port?????????Areca??ARC-1120?????????????????????



??3ware???RAID HBA-3 ware 9550SX-8LP?StorSwitch???PPC405CR?G133 RAID Engine?????????????????SATA  
port?????????????????????????????????????PCB?????????SATA port?????????????????????SATA port?????????????????????

?????????????3ware????RAID HBA??-3ware 9500S-8?



????RAID HBA?????????3ware?????????port?????StorSwitch?????????????????SATA port?????????????????????  
 ??????????????????????????????????????????????????????????????Host Port????????????????(????)?????????  
 ?SAS?????Connector????SFF?????????????SAS?????Connector???Internal?????SFF-8484?External???SFF-8470??  
 ?????????????????SFF-8087?SFF-8088???????