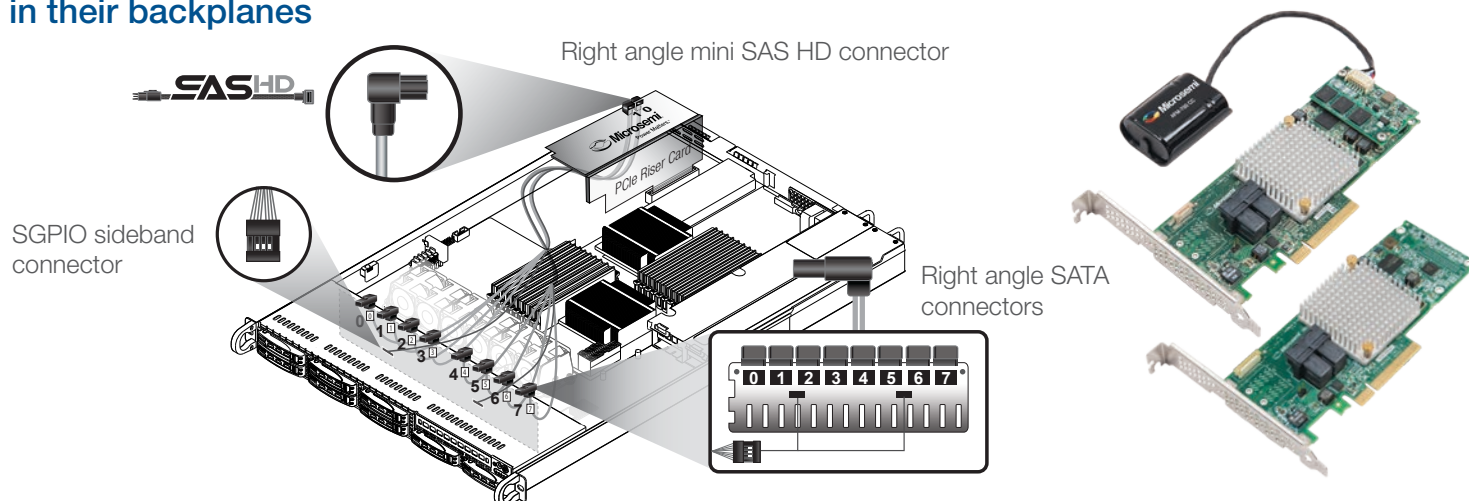


Microsemi Adaptec® 8805/8805E in 1U Chassis

8805/8805E RAID adapter with right angle mini SAS HD cable connector in a generic 1U chassis that has eight 2.5" drive bays with right angle SATA and SGPIO sideband connectors in their backplanes



Requirements

1U chassis are one of the most challenging rack-mount configurations because of the very low profile footprint. This presents a challenge for RAID adapter cards with respect to:

- Height of the boards
- Limited performance of a PCIe Gen3 RAID card with expanders
- Cables with straight connectors

Series 8 RAID Solution

- The 8-port RAID adapter, an MD2 low-profile card, easily plugs into a PCI Gen3 slot, with 200 LFM airflow in a 1U chassis.
- Microsemi's new right-angle connectors at the adapter end and also at the drive end are an ideal solution for this super low-profile chassis configuration. For more information on SAS HD cables visit: <http://www.microsemi.com/products/storage/cables-accessories/cables-accessories>.

8-Port RAID Card with 2 Internal Cables

- 8805 or 8805E: 8 internal native SAS/SATA ports, MD2 low-profile.
- The ACK-I-rA-HDmSAS-4rASATA-SB-.8M is an internal right angle mini serial attached SCSI HD x4 (SFF-8643) to right angle (4) x1 serial ATA fan-out cable with sideband signals (SFF-8448). It measures 0.8 meters and is used for connecting a SAS/SATA adapter to SATA disks, or a SAS/SATA backplane. Ordering part number: 2279900-R.
- HDDs and SSDs—check the compatibility guide at: <http://www.microsemi.com/products/storage/compatibility>
- Optional (for 8805 only)—Flash Module AFM-700: add-on super capacitor module for maintenance-free cache protection with real-time monitoring.



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