

# PMC-Sierra 6Gb/s SAS Storage Chipset: SAN Application Example

## Tachyon FC Controller

PM8032 - QE8

Terminates FC connection from SAN

## Tachyon SAS Controller

PM8001 - SPC 8x6G

Initiates SAS traffic to attached HDDs

Microprocessor (uP)

## maxSAS SAS Expander

PM8004 - SXP 24x6GSec

PM8005 - SXP 36x6GSec

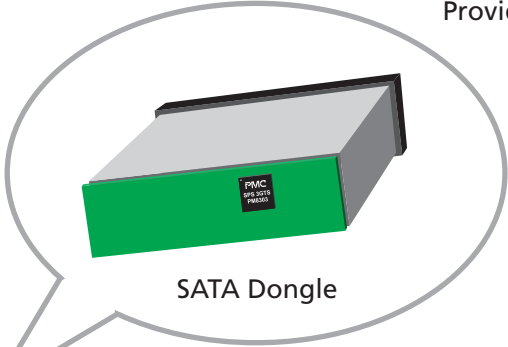
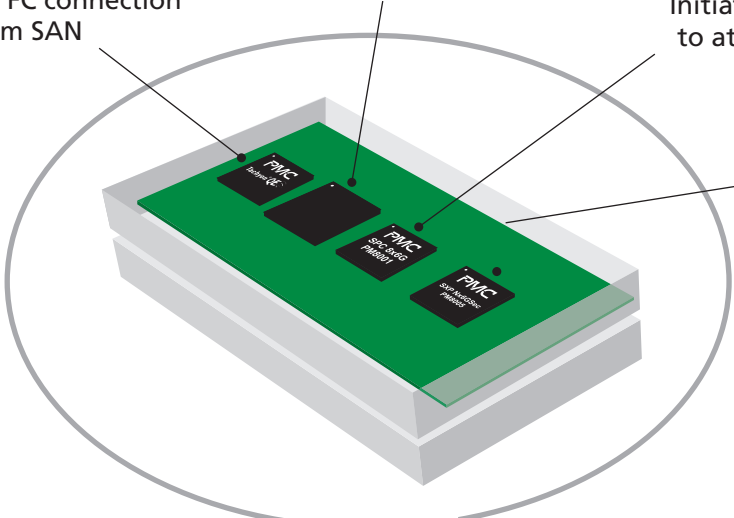
Connects multiple HDDs to the SAS controller

## SATA Active-Active Multiplexer

PM8307 - SPS 3GT

PM8303 - SPS 3GTS

Provides two redundant ports for a SATA HDD



I/O Modules (2)

Power Supply A

Power Supply B

Mid-Plane

SAS or SATA HDDs

