

SAME FOOTPRINT.

FUJITSU 2.5" SAS ENTERPRISE HARD DISK DRIVES AND AIC SAS ENCLOSURE FOR STORAGE ARRAYS AND RAID SUBSYSTEMS.

"The introduction of 2.5" SAS enterprise hard disk drives is an important and profitable opportunity. We expect quick adoption of this technology by our customers as it will allow for higher performance, scalability and flexibility while space availability is limited."

Tom Hurlbut
Engineering Manager
Avnet Applied Computing

STATE-OF-THE-ART TECHNOLOGY WHERE SPACE IS A PREMIUM.



For your enterprise storage needs, Fujitsu and AIC deliver. Both companies are at the industry's forefront in understanding the needs of SAS users and applying this knowledge to the technologies that they have championed. By pairing the industry's first 2.5" small form factor Serial Attached SCSI (SAS) hard disk drives with AIC storage arrays and RAID subsystems with 2.5" bays, a winning solution is born. With the highest standards in innovation and product design, continued commitment to the Channel and over 100 years of combined experience, they will be your SAS partners for high-end, mission-critical applications.

2.5" Small Form Factor

With a 2.5" small form factor, twice as many hard disk drives can be installed in the same footprint as the previous 3.5" hard disk drives. Twice as many hard disk drives means

twice as many spindles working to get data. It also means greater redundancy. When space is limited, 2.5" SAS hard disk drives are the ideal solution.

Lower Power Consumption Equals Lower Heat Dissipation

A 2.5" SAS hard disk drive consumes less power per unit and maintains reduced heat levels and lower acoustics than the conventional 3.5" form factor SAS hard disk drives. Lower heat dissipation will result in better reliability, as systems are running cooler – a critical benefit in systems that need to operate 24x7.

SAS Application Advantages

Given the constant changes in system requirements, the need for flexibility and scalability is essential. With a dual-port design,

2.5" VS. 3.5" SAS HARD DISK DRIVES		
	2.5" SAS	3.5" SAS
NUMBER OF DRIVES/SERVER	24	12
THROUGHPUT (GB/s)	2.2	1.1
PERFORMANCE (IOPS)	360K	170K

SAS hard disk drives offer twice the usable ports of traditional SATA hard disk drives while expander hardware is used as a switch, simplifying larger storage and RAID applications. If usage parameters permit, the SAS infrastructure also allows for compatibility with SATA hard disk drives so that both can be integrated into the same system. Furthermore, SAS hard disk drives are hot pluggable, so they can be inserted or removed without harming the data or the system while the system is powered on.

Learn how the 2.5" SAS hard disk drive delivers industry-specific solutions.

Request your free Serial Attached SCSI whitepaper today by visiting www.fcpa.fujitsu.com/SASmailer/

AIC 24-BAY ENCLOSURE SHOWN AT ACTUAL SIZE



2.5" SMALL FORM FACTOR • LOWER POWER CONSUMPTION • LOWER HEAT DISSIPATION • INCREASED PERFORMANCE

