



AXUS Unveils New Generation YOTTA III PCIe x8 Gen2 to 6GbSAS/SATA RAID Systems - A data storage meet today's extremely bandwidth-demanding applications especially in video streaming/editing

June 30th, 2011

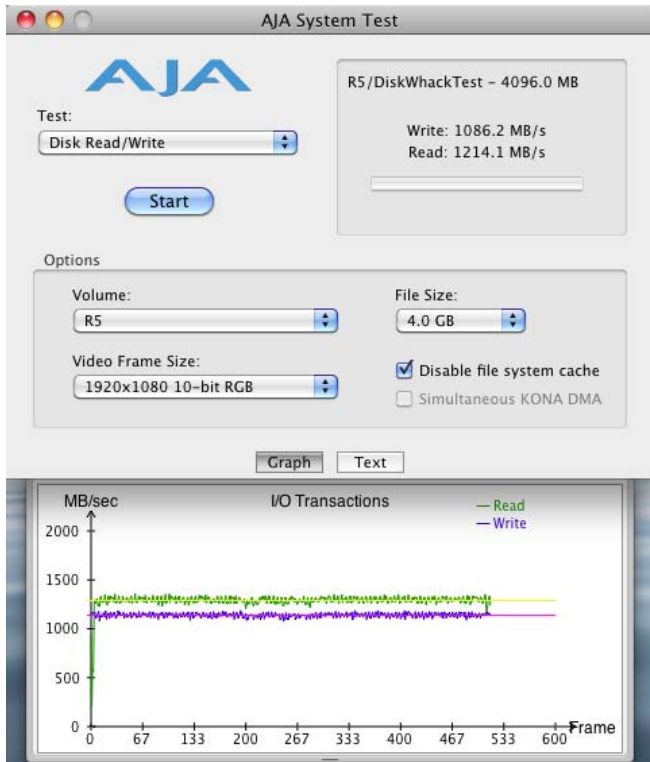


AXUS today unveils new generation YOTTA III PCI-e x8 Gen2 to 6GbSAS/SATA RAID systems. This new generation data storage solution is built upon on high performance LSI 800MHz RAID-on-Chip storage processor with x8 PCI Express® 2.0, 800MHz DDR2 memory, and 16 ports of 6Gb/s SAS integrated. It incorporates PCIe x8 Gen.2 host link providing a dramatically performance enhancement and increasing the speed up to twice more than previous generation. In addition, it supports up to 122 SAS/SATA Devices via its SAS Expander port connecting with one or more SAS JBODs providing massive storage more than 200TB with 2TB HDDs installed.

New Architecture of External PCIe Attached Raid subsystem takes high performance advantage of PCI Express link (PCIe x8 Gen2) with 4000MB/s data throughput. Its PCIe x8 Gen.2 host link utilizes fully PCIe bandwidth with direct and native IO path from Memory to RAID via DMA scheme eliminate high cost SAS or FC HBA and simplifies data transmission protocol between hosts and RAID systems from current SAS/Fibre RAID systems and minimum CPU overhead and conversion time, as a results it optimize data throughput rate. It also comes with PCIe Repeater Card with Drivers for variety operation system brings no pain on choosing incompatible HBA card.

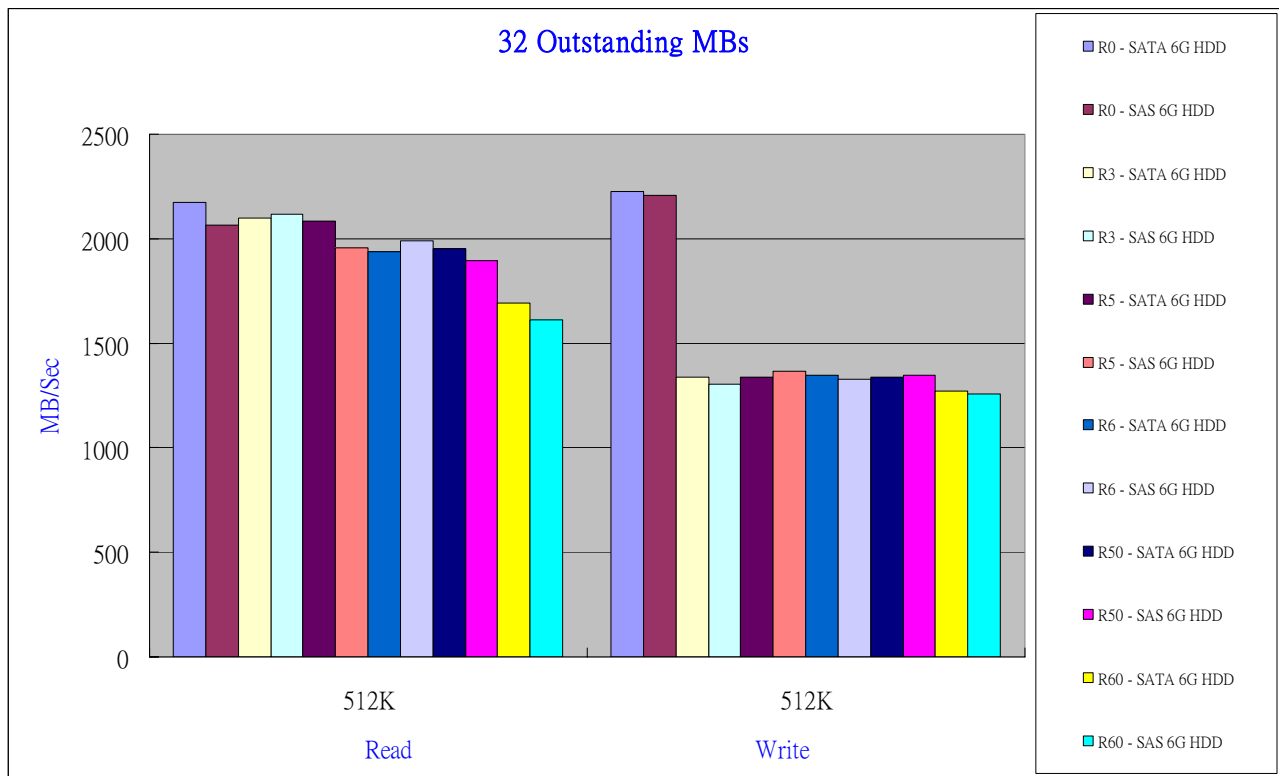
Moreover, YOTTA III PCIe Attached RAID designed with Performance Equalization Technology that guarantee sustainable performance. It avoids frames dropped while streaming video. It is perfect meet content industry requirements.

Performance Chart



Tested with Y3-16S6EPE, Mac Pro MB535TA, MacOS 10.6.5

AJA KONA System Test V2,



Tested with Y3-16S6EPE, Windows Server 2008 Standard, ASUS M/B M4A79 Deluxe, AMD Phenom II X3-720 (2.8GHz)

IO Meter-2006.07.27, 32 outstanding, 512K Bytes, 100 % Read and 100% Write – R0, R3, R5, R6, R50, R60





YOTTA III PCIe Attached RAID series with its unique combination of features makes it an ideal solution to meet today's extremely bandwidth-demanding applications such as HD, 2K or even 4K Video Streaming, Post Production, and Media Editing.

YOTTA III Advanced Feature Highlights

- PCIe x 8 Gen 2 Host Connection delivery extremely high performance
- Performance equalization technology guarantee sustainable performance
- Leverage direct and native IO path from Memory to RAID without high cost HBA
- PCIe Repeater Card with Drivers for variety operation system brings no pain on choosing incompatible HBA card
- Scalable up to 122 disks capacity
- Supports 6Gbps and 3Gbps SAS & SATA drives simultaneously
- Support HDD greater than 3TB
- Low noise designed for YOTTA III tower type systems

Availability

YOTTA III PCIe x8 Gen2 to 6GbSAS/SATA RAID Systems is available now with following models.

<p>Low Noise 12Bay Tower Type</p>  <p>Model Number: Y3-12S6EPE-D</p>	<p>12Bay Rackmount</p>  <p>Model Number: Y3-12S6EPE</p>
<p>16Bay Rackmount</p>  <p>Model Number: Y3-16S6EPE</p>	<p>24Bay Rackmount</p>  <p>Model Number: Y3-24EPE</p>

Data Sheet

http://www.axus.com.tw/pdf/yotta_iii.pdf

AXUS Microsystems Inc.

AXUS Microsystems Inc is the professional storage products manufacturer. The company specializes in RAID storage & SAN(storage area networking) solution at an affordable cost, while offering superior customer service and responsive technical support. Please visit the company's website www.axus.com.tw for further details.

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