



AXUS YOTTA SPORT PCI - Express
Subsystem for high speed storage applications

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Experience extremely high performance with AXUS YOTTA SPORT PCI-Express subsystem

AXUS Microsystems Inc., is proudly announced YOTTA SPORT now available with PCI-Express host connections which produces high performance of PCI Express link (2 downstream PCIe x 4) with 1400MB/s data throughput. An ideal model for any application required higher performance but a cost effective solution.

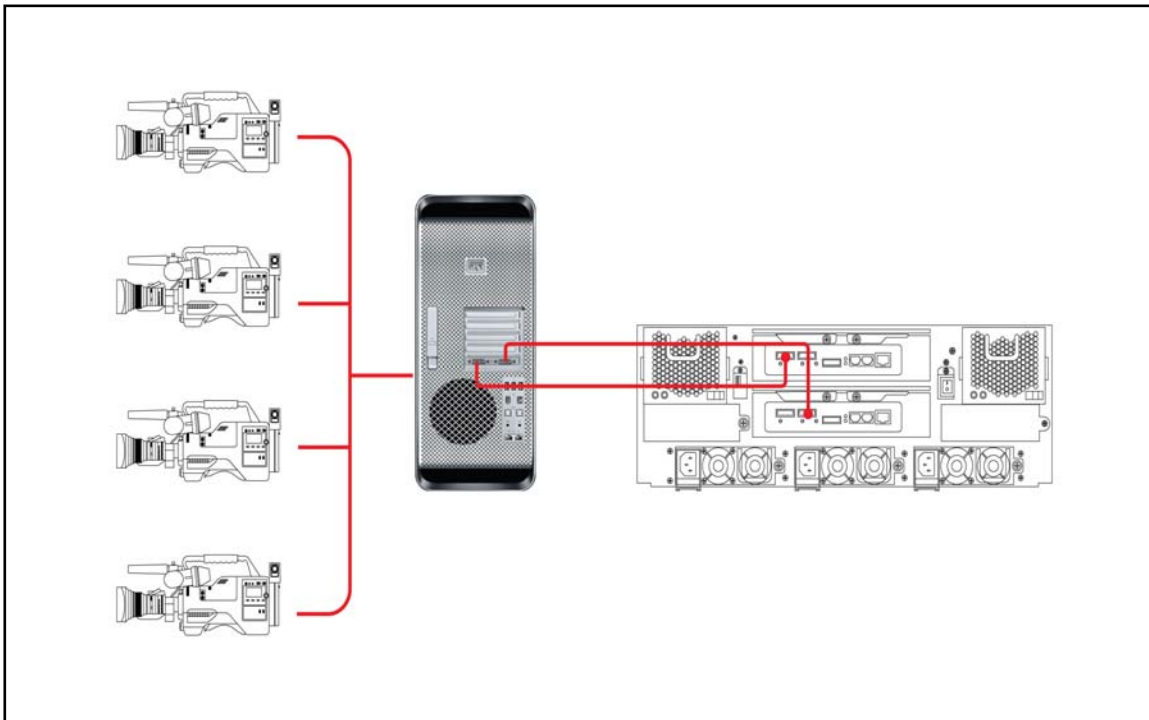
YOTTA SPORT series is built to combine two Raid subsystems in one enclosure for propose of increasing performance by striping & enhancing reliability by mirroring. Built by dual independent controllers with affordable, high capacity SAS/SATAII drives to deliver high performance for multi-purposes of storage applications.



YOTTA SPORT Advance features:

- * 3Gbs SAS / SATA II Disk Interface
- * RAID Levels: 0, 1, 1E, 3, 5, 6, 30, 50, 60 & JBOD
- * Easy management through front LCD control panel, RS-232 port, or the Web browser-based RAID manager (GUI) via built in 10/100 Ethernet port
- * Online Array Roaming and Migration
- * Instant Availability / Background Initialization
- * Multiple RAID Selection
- * Online Capacity Expansion
- * MPIO
- * SNMP
- * S.M.A.R.T

✓ **Maximize your total throughput up to 1400MB/s**



PCI-Express Attached RAID simplifies data transmission protocol from traditional SCSI/Fibre channel. New architecture of PCI-Express attached RAID transmits data directly from Memory to RAID via DMA scheme to minimum CPU overhead and conversion time. As a results it optimize data throughput rate.



Strip both controllers together with the Operating System to handle the high performance demand. YOTTA SPORT PCI Express is capable of handling more than **1400MB/s** throughput with PCI-e x4 host connection by dual controllers driven by Intel IOP341 processor.

YOTTA SPORT PCI - Express is ready for real 4K content media applications:

- ✧ Video steaming
- ✧ Content creation
- ✧ Media editing

SPECIFICATION

RAID Type	YOTTA SPORT PCI EXPRESS Series
Model number	YB-24S32PE
RAID CPU Engine	Intel® IOP341 I/O Processor @800Mhz
Cache Memory	Up to 2GB DDR2-533 SDRAM on one DIMM socket with ECC protection per controller
RAID Features	RAID levels 0, 1, 1E, 3, 5, 6, 30, 50, 60 & JBOD Multiple RAID selections Instant availability and background initialization Online RAID level / stripe size migration Online Array roaming Online capacity expansion and RAID level migration simultaneously Online volume set expansion S.M.A.R.T. Bad block auto-remapping Hot spare and automatic hot drive rebuild
Hot Swap Components	Power Supply, FAN, Disk Drive
System Type	4U Rack-Mounts
Host Interface	PCI-e x 4 + PCI-e x4 re-drive card per controller
Disk Interface	SAS / SATA II
JBOD Expansion Port	One SAS JBOD Expansion Port per controller can be attached to SAS JBOD to expand capacity
Battery Backup Module	Optional, supporting 72 hours battery backup time
RAID Management	Firmware embedded Web browser-based RAID manager via built-in 10/100 Ethernet port Firmware embedded manger via RS-232 port Firmware embedded manager through LCD control panel Field-upgradeable firmware from flash ROM
Monitors & Notifications	All system status can be monitored via Firmware-embedded Web browser-based RAID manager System status indication through LCD, LED and alarm buzzer All system events can be sent to multiple user via emails alerts SNMP agent already embedded in the firmware allows remote to monitor events through LAN
Operating System	Need driver: widows 2000/XP/Server 2003/VISTA/Linux/FreeBSD/Novell Netware 6.5/Solaris 10 x86/x86_64/SCO UnixWare 7.1.4/MAC OX 10.x
Power Supply	Redundant by three 460W power modules with PFC feature, loading sharing type and cableless design
Electrical	AC Voltage 110-230 VAC/AC frequency 50-60Hz
Temperature	Operating temperature: 5 ~ 35 degree Celsius. Non-Operating temperature: -40 ~ 60 degree Celsius
Relative Humidity	20% ~ 80% non-condensing
Dimension	24 bays system: 446.4mm (W) x 562mm (D) x 4U
Weight	24 bays system: 28.7kgs (W/O HDD)

Specifications are subjects to change without notification. All trademarks or registered trademarks are properties of their respective owners.

About: 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.

Contact Information

To obtain more information on this new addition to AXUS product line, please contact your nearest AXUS representative, or e-mail us at sales@axus.com.tw

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