



8-Way processing for up to 16 COREs
Computing in Teraflops!



THE WORLD'S NUMBER ONE BRAND FOR HIGH-PERFORMANCE CUSTOM SERVER COMPUTING

SURIA xEnterprise Series servers are ideal for the Enterprise Business environment for above 500 Users. Configured, Packaged, and Sized for the way your business operates.



Your demand for reliability from the IT that's supporting your business is the reason why the xEnterprise Series was developed. SURIA xEnterprise Series servers are built in our 6 Stage ISO 9001:2000 facility, on proven technology and backed by world-class service and support to help keep you up and running. You want to pay less and get more out of your IT investment, than the SURIA xEnterprise Series servers provide you with the latest innovative technology that works and won't break your IT budget.

Spending too much time managing your technology than managing your business! The SURIA xEnterprise Series Custom Configured range provides cutting-edge tools that help you control your IT with fewer resources – saving you time and money.



Built on 20 Years of Excellence!

Quality Assured!



Specifications

Form Factor

- Pedestal / Rackmount

System CPU Architecture

- 1x, 2x, 4x, 8x Intel® P4/XEON or AMD® Athlon64/Opteron in Single & Dual Core based

Memory Architecture

- DDR or DDRII ECC¹ & ecc Registered supported.

RAID / STORAGE

- SATA / IDE / SCSI Hard Disk Drive from 40Gb~500Gb and beyond via RAID.
- CD Rom / CD+RW / Combo / DVD+RW Burner² (Optional).
- Hardware³ SCSI / SATA RAID 0/1, or
- Additional⁴ SATA / SCSI RAID 0/1/5/6/10/50 or JBOD etc. via add on RAID Controller (Optional)
- Super Array/Multi Array supported.
- HOTSWAP drive Cage optional.

Drive Configuration

- Multiple External 5.25"
- Multiple Internal 3.5" for HDDs (Hotswap Cage Optional)

Interfaces

- 1x 15pin D-Sub Video Connector.
- 1x 9pin D-Sub Serial Connector (optional).
- 2x RJ 45 Gigabit Network Connectors.
- 1x PS/2 Keyboard and 1x PS/2 Mouse Ports.
- 4x USB 2.0 ports w/ up to 8x USB 2.0 via Front Header.
- SATA / Ultra 160/320 SCSI External Port (optional).

Cooling

- Multi FAN support for Black, Front and Hard Drives.
- 12V DC, 036A, 3 pin

Front LED Indicators

- Power, HDD, 2x LAN Activity, Overheat, Fan Failure

Front / Rear Switches

- Power, Reset, Alarm Mute⁵ and Main Power(rear on PSU).

Management

- Intel® Server Management v8⁶

Physical Environment

- Temperature built in thermal & Fan Sensors
- Operating Temperature 10°C ~45°C
- Non Operating Temperature 10°C ~ 50°C
- Operating Humidity 20% to 90% non condensing

Supported Operating Systems

- Windows® 2000, XP®, Server® 2000/2003.
- Red Hat®, Fedora®, SUSE®, Xandros®.

Power Supply

- Redundent Hotswap 500~1000Watt or above UL, CSA & FCC Approved
- DUAL, TRIPLE etc., redundant removal power modules (optional)
- 1+1 Hot Swappable Optional.
- AC input: depend on Power Supply used.
- Fuse Rating : depends on Power Supply used.
- Continuous Output Power: 500~1000Watt

1 DDR/DDR2 w/ ECC and/ ECC Registered support depend on model chosen.
 2 CD Rom standard but upgradable to any other available as an option.
 3 Hardware RAID 0/1 available w/ SCSI/SATA onboard or Hardware RAID 0/1/5/6/10/50 or JBOD etc. via Add-on RAID Controller from Adaptec®, LSI®, 3Ware® etc.
 4 Varies by Model, support for Alarm required.
 5 Intel® Server Management available on Models based on Intel® Server Motherboards only.

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