

TECHNOLOGY BY ACER

ACER ALTOS SOLUTIONS



HIGHLIGHTS

- High density server 2U form factor
- High performance rack optimised application server with support for Dual Core 64 Bit Processing technology and SAS technology
- Highest internal expandability in class
- Tool-less design for highest servicability
- Comprehensive systems management and installation solutions



The Acer Altos R720 is a powerful 2U server for Web and network infrastructures. The Acer Altos R720 is designed with all the performance a fast paced, fast growing front-end and single-function application demands in a rack optimised server. The Acer Altos R720 allows you to serve more Web pages, handle more secure connections, support more e-mail users-all while reducing cost and saving space.

Increased performance

Flexible systems design methodologies allow you to configure the Acer Altos R720 to match your budget and application requirements. The performance features include dual high-speed Intel® Xeon™ processors, which support Intel® EM64T technology and Dual Core technology. This means your system is already compatible with forthcoming native 64-bit operating systems and applications. The Acer Altos R720 delivers maximum Acer Altos performance density of flexible stand-alone server and simplifies cabling and helps reduce behind-the-rack clutter. Serial attached SCSI technology boosts storage performance to 3Gb/s per channel. Quad channel full buffered memory boosts performance, and is expandable to 32GB for future investment protection. The new memory subsystem on the Acer Altos R720 supports memory mirroring and sparing. Flexible design methodologies mean that you can selected between PCI-X and PCI Express expansion slots.

Rack optimized

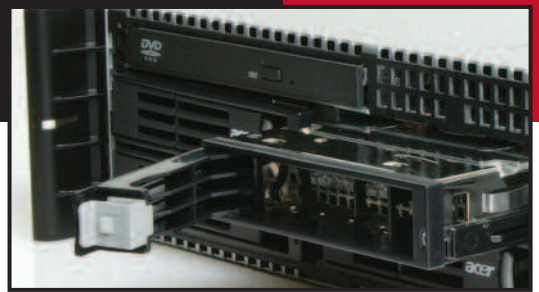
The Acer Altos R720 is a rack-optimised solution, which will integrate smoothly into any standards based computing environment. When you are adding an Acer Altos R720 server to your existing network, you can do so with confidence, knowing that your server is built using proven Acer and Intel® technologies. Redundant power supplies and hot-swap redundant system fans are supported for rack system thermal airflow management and are optimised for rack server grade serviceability. Acer also offers a full range of Acer Altos rack equipment, which is designed for highest serviceability and optimum manageability.

Easy to install and manage

Acer Easybuild simplifies the installation and set-up, by providing an intuitive GUI Based process and by providing all relevant tools to set up your Acer Altos R720. Advanced Server Manager software makes comprehensive systems management easy. ASM provides performance management and critical event management services to network administrators. These components help you control IT expenses by making the Acer Altos R720 simple and efficient to manage.

Typical solution scenarios

- Large utility infrastructure services:
 - Domain controller
 - Gateway
 - DNS
 - Firewall
- Web hosting
- Terminal services
- Data center utility



Acer Altos R720 - SEPC6 - www.pleasing.it

Specification**

FORM FACTOR	• Rack/2U
PROCESSOR	<ul style="list-style-type: none"> • One or two 64-bit Dual-Core Intel® Xeon® processor 5000 sequence: <ul style="list-style-type: none"> – Up to 3.73 GHz with 2x2 MB L2 cache – Up to 3 GHz with 4 MB L2 cache – Front-side bus: 1066/1333 MHz • Intel® EM64T • Intel® Virtualization Technology • Intel® Hyper-Threading™ Technology • Enhanced Intel SpeedStep® Technology (EIST) support
NUMBER OF PROCESSORS (STD/MAX)	• 1/2
MEMORY (MAX)	<ul style="list-style-type: none"> • Eight Fully Buffered DDR2 533/667 ECC registered DIMMs <ul style="list-style-type: none"> – Quad-channel memory bus – Memory mirroring – Memory sparing • 1GB to 2 GB2 DIMMs for up to 16 GB of total system memory¹
EXPANSION SLOTS	<ul style="list-style-type: none"> • Two PCI riser cards supported <ul style="list-style-type: none"> • Low-profile riser card: <ul style="list-style-type: none"> – Two PCI Express® X8 slots • Full-height riser card: <ul style="list-style-type: none"> – Two PCI Express® X8 slots (X4/X8 throughput) and one 64-bit/133 MHz PCI-X slot (default) – Three 64-bit/66, 100 or 133 MHz PCI-X slots (optional) – Three 64-bit/133 MHz PCI-X slots (optional)
STORAGE INTERFACE	• Integrated SAS RAID controller with RAID level 0, 1, 5, 10 and 50 supported
DISK BAYS (TOTAL/HOT-SWAP)	<ul style="list-style-type: none"> • Up to six SAS/SATA HDDs (6th HDD tray upgrade kit optional) • Slim-type 3.5" FDD (optional) • Slim-type DVD Combo or DVD Writer drive (optional) • SCSI or SATA tape drive (optional)
MAXIMUM INTERNAL STORAGE	<ul style="list-style-type: none"> • 3.0TB SATA (6 500GB SATA drives) • 1.8TB SCSI (6 300GB SCSI drives)
NETWORK	<ul style="list-style-type: none"> • Integrated dual-port gigabit Ethernet <ul style="list-style-type: none"> – Intel® I/O Acceleration Technology
POWER SUPPLY (STD/MAX)	<ul style="list-style-type: none"> • 750 W 1+1 hot-swap, redundant power supply 110/220 V (1/2)
HOT SWAP COMPONENTS	<ul style="list-style-type: none"> • Optional Hard Disk Drives • Redundant Power Supply • Hotswap Redundant Fans (5+1 Redundancy) • 128MB Cache
RAID SUPPORT	• Integrated SAS RAID controller with RAID level 0, 1, 5, 10 and 50 supported
SECURITY FEATURES	<ul style="list-style-type: none"> • Acer Altos Easydiagnostics <ul style="list-style-type: none"> – Power status LED – HDD access LED – LAN activity LED • Chassis intrusion alert • Lockable door
SYSTEMS MANAGEMENT	<ul style="list-style-type: none"> • Acer Altos Easybuild • Acer Altos Advanced Server Manager v7.1 • Acer Altos Remote Management Card option kit
OPERATING SYSTEMS SUPPORTED**(***)	<ul style="list-style-type: none"> • Windows® Server 2003 Enterprise x64 Edition • Windows® Server 2003 Enterprise Edition • Windows® Server 2003 Standard x64 Edition • Windows® Server 2003 Standard Edition • Red Hat Enterprise Linux 4.0 (EM64T) • Red Hat Enterprise Linux 4.0 • SUSE Linux Enterprise Server 9 (EM64T) • SUSE Linux Enterprise Server 9 • Novell® NetWare® 6.5
WARRANTY	3* Years on-site

*Verify specific warranty conditions on local Web sites.

**Verify specific model characteristics & configuration on Local Price list or Acer Web site.

¹ Will support up to 32GB when 4GB DIMM's are available on market



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