

TECHNOLOGY BY ACER

## ACER ALTOS SOLUTIONS



### HIGHLIGHTS

- Leading edge technology workgroup server with 64 Bit Dual Core Processing technology
- Flexible and modular design
- Best in class redundancy solutions
- Best in class performance
- Comprehensive systems management and installation solutions



The Acer Altos G540 provides outstanding value to workgroups by combining scalable performance and new availability features at an affordable price. Advanced capabilities make the server easy to manage, which can help control IT expenses. Redundancy features such as redundant power supplies and native RAID solutions are offered on the Acer Altos G540. The Acer Altos G540 also offers you the possibility to upgrade to enterprise server features such as redundant arrays of storage, in a flexible and affordable manner.

# Acer Altos G540

## ACER ALTOS SOLUTIONS

### Dual Core 64 Bit Performance

Flexible systems design methodologies allow you to configure the Acer Altos G540 to match your budget. The Acer Altos G540 is based the Intel Xeon 5000 Series processor with 64 Bit processing technology. This platform enables you to run tomorrows 64 bit applications and boost throughput using Dual Core technology. Indeed, the Acer Altos G540 is built to support next generation Quad Core processors when they become available. System performance can be scaled in line with your business growth, by the addition of a second processor. Redundant power supplies and redundant Hot-swap hard disk drives provide affordable performance and data protection. The Acer Altos G540 introduces Serial Attached SCSI technology to the Acer Altos Range, with throughputs of up to 3Gb/s per channel. The Acer Altos G540, as with all the Acer Altos family, is fully convertible from a tower to a rack mountable form factor.

### Best in class redundancy and scalability solutions

The Acer Altos G540 allows you to configure the system, to adapt to your business requirements. Hot-swap features allow you to perform system maintenance without any system downtime.

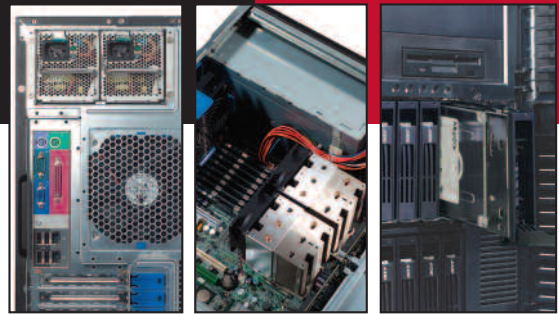
- Native SATA Raid 0/1 support
- Optional SAS or SATA RAID 5 support
- Up to 8 Hot-swap hard disk drive support
- Up to 32GB of ECC DDR II Memory support
- Memory sparing and memory mirroring
- Hot-swap power supply support
- Six PCI slots to increase I/O bandwidth for improved performance and productivity
- Integrated Dual Gigabit Ethernet with fault tolerance

### 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 G540. Advanced Server Manager 7.1 software makes comprehensive systems management easy. ASM provides performance management and critical event management and remote console services to network administrators. These components help you control IT expenses by making the Acer Altos G540 simple and efficient to manage.

### Typical solutions scenarios

- Workgroup application services
- File, print and fax services
- Groupware
- Domain controller
- DNS Server



Acer Altos G540 - 5EP06 - www.pleasing.it

### Specification\*\*

<b>FORM FACTOR</b>	• Tower, Rack/5U
<b>PROCESSOR</b>	<ul style="list-style-type: none"> <li>• One or two 64-bit Dual-Core Intel® Xeon® processor 5000 sequence:               <ul style="list-style-type: none"> <li>– Up to 3.73 GHz with 2x2 MB L2 cache</li> <li>– Up to 3 GHz with 4 MB L2 cache</li> <li>– Front-side bus: 1066/1333 MHz</li> </ul> </li> <li>• Intel® EM64T</li> <li>• Intel® Virtualization Technology</li> <li>• Intel® Hyper-Threading™ Technology</li> <li>• Enhanced Intel SpeedStep® Technology (EIST) support</li> </ul>
<b>NUMBER OF PROCESSORS (STD/MAX)</b>	• 1/2
<b>MEMORY (MAX)</b>	<ul style="list-style-type: none"> <li>• Eight Fully Buffered DDR2 533/667 ECC registered DIMMs               <ul style="list-style-type: none"> <li>– Quad-channel memory bus</li> <li>– Memory mirroring</li> <li>– Memory sparing</li> </ul> </li> <li>• 1GB to 2 GB2 DIMMs for up to 16 GB of total system memory<sup>1</sup></li> </ul>
<b>EXPANSION SLOTS</b>	<ul style="list-style-type: none"> <li>• Three PCI Express™ x8 slots</li> <li>• Two 64-bit/66 or 100 MHz PCI-X® slots</li> <li>• One 32-bit 33 MHz PCI slot</li> </ul>
<b>STORAGE INTERFACE</b>	<ul style="list-style-type: none"> <li>• Six SATA 3 Gb/s ports onboard</li> <li>• Optional U320 SCSI PCI-X® add-on card supports SCSI Tape Backup Devices</li> <li>• Optional 8 Port SAS</li> </ul>
<b>DISK BAYS (TOTAL/HOT-SWAP)</b>	<ul style="list-style-type: none"> <li>• 8 SATA or SAS disks or Hot Swap (4 HDD per cage)</li> <li>• 8 SATA or SAS Hotswap option, in two Cage Bays</li> <li>• 3 5.25" bays</li> </ul>
<b>MAXIMUM INTERNAL STORAGE</b>	<ul style="list-style-type: none"> <li>• 4.0TB SATA (8 500GB SATA drives)</li> <li>• 2.4TB SCSI (8 300GB SAS drives)</li> </ul>
<b>NETWORK</b>	<ul style="list-style-type: none"> <li>• Dual Integrated 10/100/1000 Ethernet</li> <li>• Intel® I/O Acceleration Technology</li> </ul>
<b>POWER SUPPLY (STD/MAX)</b>	• 610W Redundant Switching Power Supply (1/2)
<b>HOT SWAP COMPONENTS</b>	<ul style="list-style-type: none"> <li>• Optional Hard Disk Drives</li> <li>• Redundant Power Supply</li> <li>• Optional Hot Swap Redundant Fan</li> </ul>
<b>RAID SUPPORT</b>	<ul style="list-style-type: none"> <li>• Integrated SATA support RAID 0, 1<sup>1</sup></li> <li>• Optional 8-port SAS daughter card: Supports RAID 0, 1, 1e</li> <li>• Support H/W RAID 5, 10, 50 via optional SAS RAID add-on card</li> </ul>
<b>SECURITY FEATURES</b>	<ul style="list-style-type: none"> <li>• Acer Altos Easydiagnostics               <ul style="list-style-type: none"> <li>– Power status LED</li> <li>– HDD access LED</li> <li>– LAN activity LED</li> <li>– System Status LED</li> </ul> </li> <li>• Chassis intrusion alert</li> <li>• Lockable side panel</li> </ul>
<b>SYSTEMS MANAGEMENT</b>	<ul style="list-style-type: none"> <li>• Acer Altos Easybuild</li> <li>• Acer Altos Advanced Server Manager v7.1</li> <li>• Acer Altos Remote Management Card option kit</li> </ul>
<b>OPERATING SYSTEMS SUPPORTED<sup>*(**)</sup></b>	<ul style="list-style-type: none"> <li>• Windows® Server 2003 Enterprise x64 Edition</li> <li>• Windows® Server 2003 Standard Edition</li> <li>• Windows® Server 2003 Enterprise Edition</li> <li>• Windows® Server 2003 Standard x64</li> <li>• SUSE Linux Enterprise Server 9</li> <li>• Red Hat Enterprise Linux 4.0 (EM64T)</li> <li>• SUSE Linux Enterprise Server 9 (EM64T)Edition</li> <li>• Red Hat Enterprise Linux 4.0</li> <li>• Novell® NetWare® 6.5</li> </ul>
<b>WARRANTY</b>	3* Years on-site

\*Verify specific warranty conditions on local Web site.

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

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

<sup>2</sup> RAID 0 and 1 support for Windows OS only.



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