

**Acer Altos Server G330 Mk2**



**Target User**

- Professional and Small Business Solutions
- Small and Medium Companies
- Enterprises

**Key Selling Points**

- Affordable, entry-level server solution
- Best in class upgradability
- Best in class redundancy solutions with RAID 0,1,10 support
- Best in class performance supporting Quad Core technology
- Comprehensive systems management and installation solutions available

**Standard Configuration**

Form Factor	Tower
Processor	Dual or Quad Core Intel® Xeon® 3000, 3100, 3200, 3300 sequences Intel® Core™2 Duo processor, Intel® Core™2 Quad processor, Intel® Pentium® dual-core processor Quad-core processors supported Front-side bus: 800/1066/1333 MHz Supporting: - Intel® Virtualization Technology - Intel® Hyper-Threading™ Technology (Different processors support different features and different cache sizes.) - Intel®EM64T - Enhanced Intel® SpeedStep® Technology
Number of processors (Std/Max)	1 (1/1)
Memory (Std/Max)	Four Unbuffered DDR2 800 ECC DIMMs Dual-channel memory bus 1GB or 2 GB DIMMs for up to 8 GB of total system memory
Expansion slots	One PCI Express® x16 slot (x8 throughput) VGA card not supported One PCI Express® x8 slot (x4 throughput) One PCI Express® x4 slot (x1 throughput) Two 32-bit, 33 MHz (3.3 V) PCI slots
Storage Interface	Integrated 6-port SATA software with RAID 0, 1, 10 support
Disk Bays	Up to four SATA or SAS HDDs on Acer Carrier Optional hot-swap HDD backplane kit Three 5.25" half-height device bays (2 Free)
Max Internal Storage	3TB SATA (4 750GB SATA HDD) 1.2TB SAS (4 300GB SAS drives)
Network Interface	Integrated single Gigabit Ethernet
System Power Supply	350 W ATX 12 V auto-switching PFC power supply
Hot Swap Components	Optional Hot Swap Hard Disk upgrade kit
Systems Management	Acer Altos Easybuild included Acer Altos Advanced Server Manager optional
Floppy and CD	Optional Floppy kit DVD
Cooling system	System fan
Operating systems supported	Microsoft® Windows® Server 2003 Enterprise x64 Edition Microsoft® Windows® Server 2003 Enterprise Edition Microsoft® Windows® Server 2003 Standard x64 Edition Microsoft® Windows® Server 2003 Standard Edition Microsoft® Windows® Small Business Server 2003, Standard Edition Microsoft® Windows® Small Business Server 2003, Premium Edition Red Hat® Enterprise Linux 5.0 (EM64T) Red Hat® Enterprise Linux 5.0 Novell® SUSE® Linux Enterprise Server 10 (EM64T) Novell® SUSE® Linux Enterprise Server 10
Safety	UL/cUL, Nemko CB/ GS,CE, CCC
EMI	FCC, CE, BSMI, CCC
Weight	13.4 kg System weight varies according to configuration. The weight quoted is for a typical configuration.
Dimensions	424.6 (H) x 185.9 (W) x 479.7 (D) mm
Security features	Chassis intrusion alert Lockable Door
On-board I/O connectors	Two PS/2 ports Four USB 2.0 ports (two front accessible) One serial port One Ethernet (RJ-45) port One VGA port

Model	Part Number	Price Including VAT
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<b>Altos G330 Mk2</b> Altos G330Mk2 PDC E2160 1,80GHZ/800FSB/1MB, 1GB DDR II 800, DVD, 2x250GB SATA HDD (Internal), HDD fan, NO FDD, EURO power cable, PS2 Mouse, 1xLAN Gbit onboard, NO KB, EasyBuild 8.0, no ASM, 1 Year On-Site + 2 Year Carry-In Warranty NBD	TT.G3BE0.HS1	GBP 386.00	
<b>Altos G330 Mk2</b> Altos G330Mk2 PDC E2180 2.0GHZ/800FSB/1MB, 1GB DDR II 800, DVD, NO HDD, NO FDD, EURO power cable, PS2 Mouse, 1xLAN Gbit onboard, NO KB, EasyBuild 8.0, no ASM, 1 Year On-Site + 2 Year Carry-In Warranty NBD	TT.G3BE0.002	GBP 316.00	
<b>Altos G330 Mk2</b> Altos G330Mk2 Xeon DC E3110 3.00GHZ/1333FSB/6MB, 1GB DDR II 800, DVD, NO HDD, NO FDD, EURO power cable, PS2 Mouse, 1xLAN Gbit onboard, NO KB, EasyBuild 8.0, no ASM, 1 Year On-Site + 2 Year Carry-In Warranty NBD	TT.G3BE0.011	GBP 410.00	
<b>Altos G330 Mk2</b> Altos G330Mk2 Xeon QC X3320 2.50GHZ/1333FSB/6MB, 1GB DDR II 800, DVD, NO HDD, NO FDD, EURO power cable, PS2 Mouse, 1xLAN Gbit onboard, NO KB, EasyBuild 8.0, no ASM, 1 Year On-Site + 2 Year Carry-In Warranty NBD	TT.G3BE0.020	GBP 492.00	

**Acer Altos G330**



**Target User**

- Professional and Small Business Solutions
- Small and Medium Companies
- Enterprises

**Key Selling Points**

- Affordable, entry-level server solution
- Best in class upgradability
- Best in class redundancy solutions with RAID 5 support
- Best in class performance supporting Quad Core technology
- Comprehensive systems management and installation solutions available

**Standard Configuration**

Form Factor	Tower
Processor	Single Dual-Core Intel® Xeon® 3000 sequence, Intel® Pentium® D, Intel® Pentium® 4, or Intel® Celeron® D processor Quad-core processors supported Front-side bus: 533/800/1066 MHz Supporting:**** - Intel® Virtualization Technology - Intel® Hyper-Threading™ Technology - Intel® EM64T - Enhanced Intel® SpeedStep® Technology
Number of processors (Std/Max)	1 (1/1)
Memory (Std/Max)	Four Unbuffered DDR2 667 ECC DIMMs Dual-channel memory bus 512 MB to 2 GB DIMMs for up to 8 GB of total system memory
Expansion slots	One PCI Express® X8 slot (X8 throughput) One PCI Express® X8 slot (X4 throughput) Two 32-bit, 33 MHz (3.3 V) PCI slots
Disk Bays	Up to four SAS/SATA HDDs Optional hot-swap HDD backplane kit Three 5.25" half-height device bays (2 Free)
Max Internal Storage	2TB SATA (4 500GB SATA drives) 1.2TB SAS (4 300GB SAS drives)
Network Interface	Integrated single Gigabit Ethernet
System Power Supply	350 W ATX 12 V auto-switching PFC power supply
Hot Swap Components	Optional Hot Swap Hard Disk upgrade kit
Systems Management	Acer Altos Advanced Server Manager option Acer Altos Easybuild option
Floppy and CD	Optional Floppy kit DVD
Cooling system	System fan
Operating systems supported	Microsoft® Windows® Server 2003 Enterprise R2 x64 Edition Microsoft® Windows® Server 2003 Enterprise R2 Edition Microsoft® Windows® Server 2003 Standard R2 x64 Edition Microsoft® Windows® Server 2003 Standard R2 Edition Microsoft® Windows® Small Business Server 2003 R2, Standard Edition Microsoft® Windows® Small Business Server 2003 R2, Premium Edition Red Hat® Enterprise Linux 4.0 (EM64T) Red Hat® Enterprise Linux 4.0 Novell® SUSE® Linux Enterprise Server 9 (EM64T) Novell® SUSE® Linux Enterprise Server 9 Novell® NetWare® 6.5
Safety	UL/cUL, Nemko CB/ GS, CE, CCC
EMI	FCC, CE, BSMI, CCC
Weight	13.4 kg
Dimensions	424.6 (H) x 185.9 (W) x 479.7 (D) mm
Security features	Chassis intrusion alert Lockable side panel
On-board I/O connectors	Two PS/2 ports Four USB 2.0 ports (two front accessible) One serial port One Ethernet (RJ-45) port One VGA port
Options and accessories	CPU options - Dual-Core Intel® Xeon® processor 3000 sequence, Intel® Pentium® D processor, Intel® Pentium® 4 processor, Intel® Celeron® D processor Memory upgrades - Unbuffered DDR2 667 ECC DIMMs: 512 MB, 1 or 2 GB SAS Hard Disk drives - 73, 146, 300 GB (15,000 rpm) SAS HDD SATA Hard Disk Drives - 160, 200, 250, 300, 400, 500, 750 GB (7,200 rpm) SATA 3 Gb/s HDD Add-on cards - ASC/3S single-channel U320 SCSI HBA, ASSC/3Q 4-port 3 Gb SAS HBA, ASSRC/3O 8-port 3 Gb SAS RAID HBA, Gigabit Ethernet server adapter Tape backup devices - Acer AIT-1 Turbo 40/104 GB SATA tape drive, Acer AIT-2 Turbo 80/208 GB SATA tape drive, Acer DAT72 36/72 GB SATA tape drive, Acer DDS-4 20/40 GB SCSI tape drive, Acer DAT72 36/72 GB SCSI tape drive SAS/SATA hot-swap HDD backplane

Product models and specifications may vary depending on country. - Please contact your local Acer office.

<b>Model</b>	<b>Part Number</b>	<b>Price Including VAT</b>	
<b>Altos G330</b> Altos G330 PDC E2140 1.6GHZ/800FSB/1MB, 1GB DDR II 667, DVD, NO HDD, NO FDD, EURO power cable, PS2 Mouse, NO KB, NO EasyBuild, 1 Year On-Site + 2 Year Carry-In Warranty NBD	TT.G33E0.004	GBP 205.00	
<b>Altos G330</b> Altos G330 Xeon 3040 1.86GHZ/1066FSB/2MB, 1GB DDR II 667, DVD, NO HDD, NO FDD, EURO power cable, PS2 Mouse, NO KB, NO EasyBuild, 1 Year On-Site + 2 Year Carry-In Warranty NBD	TT.G33E0.020	GBP 246.00	
<b>Altos G330</b> Altos G330 Xeon 3050 2.13GHZ/1066FSB/2MB, 1GB DDR II 667, DVD, NO HDD, NO FDD, EURO power cable, PS2 Mouse, NO KB, NO EasyBuild, 1 Year On-Site + 2 Year Carry-In Warranty NBD	TT.G33E0.021	GBP 281.00	
<b>Altos G330</b> Altos G330 Xeon 3210 2.13GHZ/1066FSB/8MB, 1GB DDR II 667, DVD, NO HDD, NO FDD, EURO power cable, PS2 Mouse, NO KB, NO EasyBuild, 1 Year On-Site + 2 Year Carry-In Warranty NBD	TT.G33E0.024	GBP 821.00	

**Acer Altos G540**



**Target User**

- Professional and Small Business Solutions
- Small and Medium Companies
- Enterprises

**Key Selling Points**

- 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

**Standard Configuration**

Form Factor	Tower, Rack/5U
Processor	One or two 64-bit Dual-Core Intel® Xeon® processor 5000 sequence: o Up to 3.73 GHz with 2x2 MB L2 cache o Up to 3 GHz with 4 MB L2 cache o 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 (Std/Max)	Eight Fully Buffered DDR2 533/667 ECC registered DIMMs o Quad-channel memory bus o Memory mirroring o Memory sparing 1GB to 4 GB DIMMs for up to 32 GB of total system memory¹
Expansion slots	Three PCI Express™ x8 slots Two 64-bit/66 or 100 MHz PCI-X® slots One 32-bit 33 MHz PCI slot
Storage Interface	Six SATA 3 Gb/s ports onboard Optional U320 SCSI PCI-X® add-on card supports SCSI Tape Backup Devices Optional 8 Port SAS
Disk Bays	8 SATA or SAS disks EZSwap or Hot Swap 8 SATA or SAS Hotswap option, in two Cage Bays 3 5.25" bays
Max Internal Storage	4.0TB SATA (8 500GB SATA drives) 2.4TB SCSI (8 300GB SAS drives)
Network Interface	Dual Integrated 10/100/1000 Ethernet Intel® I/O Acceleration Technology
System Power Supply (Std/Max)	610W Redundant Switching Power Supply (1/2)
Hot Swap Components	Optional Hard Disk Drives Redundant Power Supply Optional Hot Swap Redundant Fan
Systems Management	Acer Altos Easybuild Acer Altos Advanced Server Manager v7.1 Acer Altos Remote Management Card option kit
Floppy and CD	Floppy included 5.25" DVD Reader
Cooling system	Redundant Hot Swap Fan Option
Operating systems supported	Windows® Server 2003 Enterprise x64 Edition Windows® Server 2003 Standard Edition Windows® Server 2003 Enterprise Edition Windows® Server 2003 Standard x64 SUSE Linux Enterprise Server 9 Red Hat Enterprise Linux 4.0 (EM64T) SUSE Linux Enterprise Server 9 (EM64T)Edition Red Hat Enterprise Linux 4.0 Novell® NetWare® 6.5
Safety	UL, Nemko GS, CB
EMI	FCC Class B, BSMI, CCC, CE
Weight	32 kg Note - weights vary according to configuration
Dimensions	445 (H) x 212 (W) x 550 (D) mm
Security features	Acer Altos Easydiagnostics o Power status LED o HDD access LED o LAN activity LED o System Status LED Chassis intrusion alert Lockable side panel
On-board I/O connectors	Two PS/2 ports

Product models and specifications may vary depending on country. - Please contact your local Acer office.

Parallel port
Serial port
Six USB 2.0 ports (two front-accessible)
Two Ethernet (RJ-45) ports
VGA port
Options and accessories
64-bit Dual-Core Intel® Xeon® processor 5000 sequence: . 3 - 3.73 GHz with 2x2 MB L2 cache . 1.6 - 3 GHz with 4 MB L2 cach
Memory: . Fully Buffered DDR2 533/667 ECC DIMMs: 512 MB, 1 or 2 GB
HDD: . 73, 146, 300 GB (10,000 rpm) SAS HDD . 36, 73, 146 GB (15,000 rpm) SAS HDD . 160/250/320/400/500 GB (7,200 rpm) SATA 2 HDD
Daughter cards/modules: . 8-port SAS daughter card . IPMI module . Acer Remote Management Card (ARMC/3)
Add-on cards: . Zero-channel SAS RAID PCI-X® add-on card . ASC/3S single-channel U320 SCSI HBA (for backup device) . AFC/2S single-port 2Gb FC HBA . ASC/3D dual-channel U320 SCSI HBA (for backup device) . AFC/4S single-port 4Gb FC HBA . AFC/4D dual-port 4Gb FC HBA . Gigabit Ethernet server adapter
Storage drives: . Acer AIT-1 Turbo 40/104 GB SATA tape drive . Acer DAT72 36/72 GB SCSI tape drive . DVD-RW or DVD/CD-RW . Acer AIT-2 Turbo 80/208 GB SCSI tape drive . Acer LTO Ultrium-2 SCSI tape drive . Acer LTO Ultrium-3 SCSI tape drive
Altos rack mount kit
Redundant Hot Swap fan module
610 W hot-swappable, redundant power supply module

Model	Part Number	Price Including VAT	
<b>Altos G540</b> Altos G540 Xeon 5110 1.6GHz/1066 MHz/4MB, 1x1GB FBD 667, 1xSAS/SATA HDD cage (4 bays, second cage optional), SATA 6 ch on board, no HDD, DVD, 2xLAN gigabit onboard, EURO power cable, PS2 mouse, no KB, 3 Year Warranty On Site Next Business Day	TT.G54E0.001	GBP 769.00	
<b>Altos G540</b> Altos G540 Xeon 5110 1.6GHz/1066 MHz/4MB, 1x1GB FBD 667, 1xSAS/SATA HDD cage (4 bays, second cage optional), SATA 6 ch on board, SAS daughterboard 8ch + PCI 0 ch SAS RAID 5 controller 128MB cache, 3x 73GB 15k SAS HDD, DVD, 2xLAN gigabit onboard, EURO power cable, PS2 mouse, NO KB, EasyBuild 7.1, 3 Year Warranty On Site Next Business Day	TT.G54E0.HS1	GBP 1233.00	
<b>Altos G540</b> Altos G540 SAS Xeon E5310 1.6GHz/1066 MHz/8MB QC, 2x1GB FBD 667, 1xSAS/SATA HDD cage (4 bays, second cage optional), SATA 6 ch on board, PCI SAS RAID 5/6 Controller 256MB cache (SO.SA256.A01), NO HDD, DVD, 2xLAN gigabit onboard, BMC management module (SO.BMCG5.002), Redundant Fan (SO.G54FK.001), EURO power cable, PS2 mouse, NO KB, EasyBuild 7.1	TT.G54E0.HS5	GBP 915.00	
<b>Altos G540</b> Altos G540 Xeon 5320 1.86GHz/1066 MHz/8MB, 2x1GB FBD 667, 1xSAS/SATA HDD cage (4 bays, second cage optional), SATA 6 ch on board, no HDD, DVD, 2xLAN gigabit onboard, EURO power cable, PS2 mouse, no KB, EasyBuild 7.1, 3 Year Warranty On Site Next Business Day	TT.G54E0.011	GBP 864.00	
<b>Altos G540</b> Altos G540 Xeon 5335 2.00GHz/1333 MHz/8MB, 2x1GB FBD 667, 1xSAS/SATA HDD cage (4 bays, second cage optional), SATA 6 ch on board, no HDD, DVD, 2xLAN gigabit onboard, EURO power cable, PS2 mouse, no KB, EasyBuild 7.1, 3 Year Warranty On Site Next Business Day	TT.G54E0.014	GBP 958.00	
<b>Altos G540</b> Altos G540 Xeon 5345 2.33GHz/1333 MHz/8MB, 2x1GB FBD 667, 1xSAS/SATA HDD cage (4 bays, second cage optional), SATA 6 ch on board, no HDD, DVD, 2xLAN gigabit onboard, EURO power cable, PS2 mouse, no KB, EasyBuild 7.1, 3 Year Warranty On Site Next Business Day	TT.G54E0.012	GBP 1112.00	
<b>Altos G540</b> Altos G540 Xeon 5355 2.66GHz/1333 MHz/8MB, 2x1GB FBD 667, 1xSAS/SATA HDD cage (4 bays, second cage optional), SATA 6 ch on board, no HDD, DVD, 2xLAN gigabit onboard, EURO power cable, PS2 mouse, no KB, EasyBuild 7.1, 3 Year Warranty On Site Next Business Day	TT.G54E0.013	GBP 1644.00	
<b>Altos G540</b> Altos G540 Xeon QC E5405 2.0GHz/1333 MHz/12MB, 2x1GB FBD 667, 1xSAS/SATA HDD cage (4 bays, second cage optional), SATA 6 ch on board, no HDD, DVD, 2xLAN gigabit onboard, EURO power cable, PS2 mouse, NO KB, EasyBuild+ASM, 3 Year Warranty On Site Next Business Day	TT.G54E0.033	GBP 915.00	
<b>Altos G540</b> Altos G540 Xeon QC E5420 2.50GHz/1333 MHz/12MB, 2x1GB FBD 667, 1xSAS/SATA HDD cage (4 bays, second cage optional), SATA 6 ch on board, no HDD, DVD, 2xLAN gigabit onboard, EURO power cable, PS2 mouse, NO KB, EasyBuild+ASM, 3 Year Warranty On Site Next Business Day	TT.G54E0.035	GBP 1021.00	

**Acer Altos Server G5450**



**Target User**

- Professional and Small Business Solutions
- Small and Medium Companies
- Enterprises

**Key Selling Points**

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

**Standard Configuration**

Form Factor	Tower, Rack 5U with optional rack kit
Processor	One or two AMD Opteron™ 2000 series dual-core processors or AMD Opteron™ 2000 series quad-core processors (when available) AMD virtualization technology (AMD-V) Integrated memory controller Simultaneous 32-bit and 64-bit computing (AMD64 technology) AMD PowerNow!™ Technology AMD HyperTransport™ technology Enhanced Virus Protection (EVP)
Number of processors (Std/Max)	1 / 2
Memory (Std/Max)	Sixteen DDR2 667 registered ECC SDRAM DIMM slots 512 MB to 4 GB DIMMs, supporting up to 64 GB of system memory (when 4GB modules available) Single-processor supports memory capacity of 32GB (when 4GB modules available) Dual-processor supports memory capacity of 64GB (when 4GB modules available) Dual channel support per processor Support Memory Sparing Technology
Expansion slots	5 total standard PCI slots One PCI-Express x16Slot with x16 throughput One PCI-Express x16 slot with x8 throughput One PCI-Express x8 slot with x4 throughput Two 32-bit/33 MHz 3.3V PCI Bus Slots
Storage Interface	Integrated 6-port SATA2 onboard Integrated SATA S/W RAID 0, 1, 5, 10 Optional add-on SAS HBA or SAS RAID card
Disk Bays	up to 8 SATA or SAS disks two cages supporting 4 HDD each. Second cage optional 3x 5.25" bay
Max Internal Storage	6.0TB SATA (8 750GB SATA drives) 2.4TB SAS (8 300GB SAS drives)
Network Interface	Integrated dual-port gigabit Ethernet with TCP Offload Engine
System Power Supply (Std/Max)	610W Redundant Switching Power Supply (1/2)
Hot Swap Components	Optional Hard Disk Drives Optional Redundant Power Supply Optional Hot Swap Redundant Fan
Systems Management and Applications	Acer Altos Easybuild  Acer Altos Advanced Server Manager v7.1 Acer Altos Remote Management Card option kit Acer eBusiness Value Pack (optional) Acer eBusiness ValueSTOR (optional)
Floppy and CD	3.5" Floppy Disk Drive optional (takes 1 5.25" bay) 5.25" DVD Reader
Cooling system	Optional second redundant fan Optional Redundant and Hot Swap Fan Kit
Operating systems supported	Microsoft® Windows Server™ 2003 Enterprise Edition Microsoft® Windows Server™ 2003 Enterprise Edition x64 Red Hat® Enterprise Linux® Advanced Server 4.0 Red Hat® Enterprise Linux® Advanced Server 4.0 x64 SUSE® Linux Enterprise Server 10 SUSE® Linux Enterprise Server 10 x64

Product models and specifications may vary depending on country. - Please contact your local Acer office.

Safety	UL/cUL, CB, BSMI, Memko-GS
EMI	FCC Class B, BSMI, CE
Weight	System weight will vary according to configuration. Typical configuration weight is 26KG
Dimensions	445 (H) x 212 (W) x 550 (D) mm
Security features	Acer Altos Easydiagnostics: - Power status LED - HDD access LED - LAN activity LED - System Status LED Chassis intrusion alert Lockable side panel
On-board I/O connectors	Two PS/2 ports (Mouse/Keyboard) Four USB 2.0 ports (two front accessible, four rear) One DB9 serial port One VGA port Two gigabit Ethernet LAN ports (RJ-45)
VGA	Integrated XGI Z9s with 16 MB of SDRAM ATI FireGL™ V5200 with Avivo™ Technology (optional)
Options and accessories	DDR2 667 registered ECC DIMM modules: 512 MB / 1 GB / 2 GB / 4 GB (when available) 73/146/300 GB (10,000 or 15,000 rpm) SAS HDD 80/250/500/750 GB (7,200 rpm) SATA 3 Gb/s HDD BMC module PMI 2.0 Acer Remote Management Card (ARMC/3P) single-channel U320 SCSI HBA for tape drives four-channel SAS HBA eight-channel SAS RAID single/dual port 4 Gb FC HBA Single/dual Gigabit Ethernet server adapter ATI FireGL™ V5200 with Avivo™ Technology Acer AIT-1 Turbo 40/104 GB SATA tape drive Acer AIT-2 Turbo 80/208 GB SATA/SCSI tape drive Acer DAT72 36/72 GB SATA/SCSI tape drive Acer LTO Ultrium-2 200/400 GB SCSI tape drive Acer LTO Ultrium-3 400/800 GB SCSI tape drive DVD-RW 3.5"1.44 MB FDD with 5.25" drive bay conversion kit Secondary 610 W hot-swappable, redundant power supply module Secondary redundant system fan module Hot-swappable 1+1 redundant system fan kit Altos rack mount kit

Model	Part Number	Price Including VAT	
<b>Altos G5450</b> Altos G5450 1x AMD Opteron DC 2212 2.0GHz/2x1MB, 2x1GB DDR2, 16x DVD, 1xSAS/SATA HDD cage (4 bays, second cage optional), SATA 6 ch on board, 2x500GB SATA, DVD, 2xLAN gigabit onboard, EURO power cable, PS2 mouse, NO KB, EasyBuild 7.1, 3 Year Warranty On Site Next Business Day	TT.G5AE0.HS1	GBP 1174.00	
<b>Altos G5450</b> Altos G5450 1x AMD Opteron DC 2212 2.0GHz/2x1MB, 1x1GB DDR2, 16x DVD, 1xSAS/SATA HDD cage (4 bays, second cage optional), SATA 6 ch on board, no HDD, DVD, 2xLAN gigabit onboard, EURO power cable, PS2 mouse, NO KB, EasyBuild 7.1, 3 Year Warranty On Site Next Business Day	TT.G5AE0.002	GBP 763.00	



**Acer Altos Server R520**



**Target User**

- Professional and Small Business Solutions
- Small and Medium Companies
- Enterprises

**Key Selling Points**

- High density server 1U form factor
- High availability solution
- Best in class performance with Dual Intel Xeon Processors
- Tool-less design for highest serviceability and expandability
- Comprehensive systems management and installation solutions

**Standard Configuration**

Form Factor	1U rack mount
Processor	One or two 64-bit Quad-Core or Dual-Core Intel® Xeon® Processor 5000 sequence: - Up to 3.73 GHz with 2x 2 MB L2 cache - Up to 3 GHz with 4 MB L2 cache - Up to 2.66 GHz with 2x 4 MB L2 cache Front-side bus: 1066/1333 MHz - Intel® Virtualization Technology - Hyper-Threading Technology - Intel® EM64T
Number of processors (Std/Max)	1/2
Cache (Max)	4MB L2 (8MB L2)
Memory (Std/Max)	Eight Fully Buffered DDR2 667 ECC registered DIMMs supporting: Quad-channel memory bus 512 MB to 4 GB DIMMs for up to 32 GB of total system memory*** Memory mirroring Memory sparing
Expansion slots	2 PCI Slots available 1 low profile PCI Express X8 1 high profile PCI Express X8 changeable to PCI-X slot
Storage Interface	6 Channel integrated SATA controller
Disk Bays	Up to eight SAS/SATA HDDs
Max Internal Storage	Up to eight SAS HDDs for a total of 1.168 TB of storage Up to eight SATA HDDs for a total of 1.28 TB of storage
Network Interface	Integrated dual-port Gigabit Ethernet
Hot Swap Components	Hotswap Hard Drives, Hotswap redundant Power Supplies and EasySwap fans
RAID Support	Supports hot-plug SATA with 6 Channel SATA controller installed Integrated SATA S/W RAID with RAID level 0, 1, 10 supported Optional SATA S/W RAID 5 Supports hot-plug SAS/SATA with optional SAS upgrade kit installed Integrated SAS S/W RAID with RAID level 0, 1, 10 supported Optional SAS H/W RAID with RAID level 0, 1, 5, 6, 10, 50 supported
Systems Management	Acer Altos Advanced Server Manager v7.1 Acer Altos Easybuild v7.1
Floppy and CD	Slim-type DVD combo or DVD writer drive (optional) Optional floppy
Cooling system	Up to five easy-swap system fans
Operating systems supported	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
Safety	UL/cUL, Nemko GS, CB, CCC
EMI (Class A)	FCC, CE, BSMI, CCC
Weight	16.8 kg (max)
Dimensions	43.2 (H) x 430 (W) x 654.4 (D) mm

Model	Part Number	Price Including VAT
<b>Acer Altos R520</b> Altos R520, Rack 1U, Xeon 5110 1.6GHZ/1066/4MB, 1x1GB FBD 667, SATA 6ch on board (SW RAID 0,1,10), no DVD, no HDD, EURO power cable, 2x LAN gigabit on board, NO rack rail kit, no KB, no mouse, EasyBuild 7.1, 3 Years On-Site NBD Warranty	TT.R52E0.001	GBP 833.00
<b>Acer Altos R520</b> Altos R520, Rack 1U, Xeon 5130 2.0GHZ/1333/4MB, 1x1GB FBD 667, SATA 6ch on board (SW RAID 0,1,10), no DVD, no HDD, EURO power cable, 2x LAN gigabit on board, NO rack rail kit, no KB, no	TT.R52E0.002	GBP 904.00

Product models and specifications may vary depending on country. - Please contact your local Acer office.

mouse, EasyBuild 7.1, 3 Years On-Site NBD Warranty			
<b>Acer Altos R520</b> Altos R520, Rack 1U, Xeon 5320 1.86GHz/1066 MHz/8MB, 2x1GB FBD 667, SATA 6ch on board (SW RAID 0,1,10), no DVD, no HDD, EURO power cable, 2x LAN gigabit on board, NO rack rail kit, no KB, no mouse, EasyBuild 7.1, 3 Years On-Site NBD Warranty	TT.R52E0.011	GBP 969.00	
<b>Altos R520</b> Altos R520, Rack 1U, Xeon QC E5405 2.0GHz/1333 MHz/12MB, 2x1GB FBD 667, SATA 6ch on board (SW RAID 0,1,10), no DVD, no HDD, EURO power cable, 2x LAN gigabit on board, NO rack rail kit, no KB, no mouse, EasyBuild+ASM, 3 Years On-Site NBD Warranty	TT.R52E0.033	GBP 1233.00	
<b>Altos R520</b> Altos R520, Rack 1U, Xeon QC E5420 2.50GHz/1333 MHz/12MB, 2x1GB FBD 667, SATA 6ch on board (SW RAID 0,1,10), no DVD, no HDD, EURO power cable, 2x LAN gigabit on board, NO rack rail kit, no KB, no mouse, EasyBuild+ASM, 3 Years On-Site NBD Warranty	TT.R52E0.035	GBP 1374.00	
<b>Altos R520</b> Altos R520, Rack 1U, Xeon QC X5450 3.0GHz/1333 MHz/12MB, 2x1GB FBD 667, SATA 6ch on board (SW RAID 0,1,10), no DVD, no HDD, EURO power cable, 2x LAN gigabit on board, NO rack rail kit, no KB, no mouse, EasyBuild+ASM, 3 Years On-Site NBD Warranty	TT.R52E0.038	GBP 1862.00	

**Acer Altos Server R5250**



**Target User**

- Professional and Small Business Solutions
- Small and Medium Companies
- Enterprises

**Key Selling Points**

- High density server 1U form factor
- High performance cluster and Web Farm Solution
- Best in class performance with Dual Opteron Processors
- Comprehensive systems management and installation solutions

**Standard Configuration**

Form Factor	1U rack mount
Processor	One or two quad-core or dual-core AMD Opteron™ 2000 Series processors, supporting: Direct Connect Architecture HyperTransport™ Technology Integrated memory controller AMD64 technology AMD PowerNow!™ Technology with OPM AMD Virtualization™ (AMD-V) technology Enhanced Virus Protection AMD CoolCore™ Technology Dual Dynamic Power Management™ (DDPM)
Number of processors (Std/Max)	1/2
Cache (Max)	Opteron Dual-core 2200 family: 2x 512 KB L2, 2 MB L3 cache Opteron Quad-core 2300 family: 4x 512 KB L2, 2 MB L3 cache
Memory (Std/Max)	16 DDR2 667 ECC registered DIMMs, supporting: Quad-channel memory bus (with two CPUs installed) 1 to 4 GB DIMMs for up to 64 GB (with two CPUs installed) of total system memory, when 4GB module will be available Memory sparing
Expansion slots	One PCI Express® x16 slot (default) or one PCI-X slot (with optional riser card) One PCI Express® x8 slot dedicated to either SAS or SAS RAID daughter board. No other card can use this slot
Storage Interface and RAID support	On board SATA controller with SW RAID 0,1,5 support (Windows and Linux) Optional SAS daughter card without iButton SW RAID 0,1 support (Windows and Linux) Optional SAS daughter card with iButton SW RAID 0,1,5 support (Windows and Linux)
Disk Bays	Up to three hot-plug SAS/SATA HDDs Slim-type bay for optional DVD reader or DVD-Super Multi
Max Internal Storage	Up to three 300GB SAS HDDs for a total of 0.9 TB of storage Up to three 750GB SATA HDDs for a total of 2.25 TB of storage
Network Interface	Integrated dual-port Gigabit Ethernet, supporting TCP Offload Engine (TOE)
Power Supply	650 W fixed power supply
Hot Swap Components	Hotswap Hard Drives
Systems Management	Acer Altos Advanced Server Manager v 8.0 Acer Altos Easybuild v 8.0 Optional BMC module Optional Acer Remote Management Card 3P
Floppy and DVD	Optional slimline DVD reader or Optional slimline DVD writer Optional external USB FDD 3.5"
Cooling system	Six easySwap active fans
Operating systems supported	Microsoft® Windows Server® 2003 Enterprise Edition(32 or 64-bit ) Microsoft® Windows Server® 2003 Standard Edition Red Hat® Enterprise Linux Advanced Server 5.0 (EM64T) Red Hat® Enterprise Linux Advanced Server 5.0 SUSE® Linux Enterprise Server 10 (EM64T) SUSE® Linux Enterprise Server 10
Safety	UL/cUL, Nemko GS, CE
EMI (Class A)	FCC, CE, BSMI
Weight	16.8 kg System weight varies according to configuration. The weight quoted is for a typical configuration
Dimensions	43.2 (H) x 430.2 (W) x 677.6 (D) mm
On-board I/O connectors	Two PS/2 ports One serial port Four USB 2.0 ports (two front accessible) Two Gigabit Ethernet (RJ-45) ports One VGA port

Model	Part Number	Price Including
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VAT			
<b>Altos R5250</b> Altos R5250, Rack 1U, Opteron 2212 2.0GHz/2x1MB, 1x1GB DDR2, SATA 6ch on board (SW RAID 0,1,10), HDD HotPlug Backplane, no HDD, no DVD, EURO power cable, 2x LAN gigabit on board, NO rack rail kit, no KB, no mouse, EasyBuild+ASM, 3 Years On-Site NBD Warranty	TT.R5AE0.002	GBP 821.00	

## Acer Altos Server R720



### Target User

- Professional and Small Business Solutions
- Small and Medium Companies
- Enterprises

### Key Selling Points

- 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

## Standard Configuration

Form Factor	Rack optimized 2U
Processor	One or two 64-bit Dual-Core Intel® Xeon® processor 5000 sequence: - Up to 3.73 GHz with 2x2 MB L2 cache - Up to 3 GHz with 4 MB L2 cache - Front-side bus: 1066/1333 MH Intel® EM64T Intel® Virtualization Technology Intel® Hyper-Threading™ Technology Enhanced Intel SpeedStep® Technology (EIST) support
Number of processors	1/2
Cache (Max)	Up to 3.73 GHz with 2x2 MB L2 cache Up to 3 GHz with 4 MB L2 cache
Memory (Std/Max)	Eight Fully Buffered DDR2 667 ECC registered DIMMs - Quad-channel memory bus - Memory mirroring - Memory sparing 1GB to 2 GB2 DIMMs for up to 16 GB of total system memory (when 4GB module will be available)
Expansion slots	Two PCI riser cards supported Low-profile riser card: Two PCI Express® X8 slots Full-height riser card: - 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	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)
Max Internal Storage	3.0TB SATA (6 500GB SATA drives) 1.8TB SCSI (6 300GB SCSI drives)
Network Interface	Integrated dual-port gigabit Ethernet Intel® I/O Acceleration Technology
System Power Supply (Std/Max)	750 W 1+1 hot-swap, redundant power supply 110/220 V (1/2)
Hot Swap Components	Optional Hard Disk Drives Redundant Power Supply Hotswap Redundant Fans (5+1 Redundancy)
RAID Support	Integrated SAS RAID controller with RAID level 0, 1, 5, 10 and 50 supported
Systems Management	Acer Altos Easybuild Acer Altos Advanced Server Manager v7.1 Acer Altos Remote Management Card option kit
Floppy and CD	DVD reader and CDRW Combo Optional floppy
Cooling system	Up to six fans (three default), with hot-swap, 5+1 redundancy3
Operating systems supported	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
Safety	UL/cUL, Nemko GS, CB, CCC
EMI	FCC, CE, BSMI, CCC
Weight	System weight will vary according to configuration 27.2 kg (max)
Dimensions	87.3 (H) x 430 (W) x 710 (D) mm
Security features	Chassis intrusion alert Altos EasyDiagnostics - External warning LED - Power diagnostic LED Lockable door
On-board I/O connectors	Two PS/2 ports Two serial ports (DB9 and RJ-45)

Product models and specifications may vary depending on country. - Please contact your local Acer office.

Three USB ports (one front-accessible)  
 Two Ethernet (RJ-45) ports  
 Two VGA ports (one front-accessible)

Model	Part Number	Price Including VAT	
<b>Altos R720</b> Altos R720, Rack 2U, Xeon 5130 2.0GHz/1333/4MB, 2x1GB FBD 667, ROMB + 128MB Cache, no DVD, no HDD, EURO power cable, no rack rail kit, no KB, no mouse, EasyBuild 7.1, 3 Year Warranty On Site Next Business Day	TT.R72D0.015	GBP 1045.00	
<b>Altos R720</b> Altos R720, Rack 2U, Xeon 5320 1.86GHz/1066 MHz/8MB, 2x1GB FBD 667, ROMB + 128MB Cache, no DVD, no HDD, EURO power cable, no rack rail kit, no KB, no mouse, EasyBuild 7.1, 3 Year Warranty On Site Next Business Day	TT.R72D0.011	GBP 1150.00	
<b>Altos R720</b> Altos R720, Rack 2U, Xeon 5345 2.33GHz/1333 MHz/8MB, 2x1GB FBD 667, ROMB + 128MB Cache, no DVD, no HDD, EURO power cable, no rack rail kit, no KB, no mouse, EasyBuild 7.1, 3 Year Warranty On Site Next Business Day	TT.R72D0.012	GBP 1523.00	
<b>Altos R720</b> Altos R720, Rack 2U, Xeon QC E5405 2.0GHz/1333 MHz/12MB, 2x1GB FBD 667, ROMB + 256MB Cache, no DVD, no HDD, EURO power cable, no rack rail kit, no KB, no mouse, EasyBuild+ASM, Value Pack, 3 Year Warranty On Site Next Business Day	TT.R72D0.033	GBP 1239.00	
<b>Altos R720</b> Altos R720, Rack 2U, Xeon QC E5420 2.50GHz/1333 MHz/12MB, 2x1GB FBD 667, ROMB + 256MB Cache, no DVD, no HDD, EURO power cable, no rack rail kit, no KB, no mouse, EasyBuild+ASM, Value Pack, 3 Year Warranty On Site Next Business Day	TT.R72D0.035	GBP 1433.00	
<b>Altos R720</b> Altos R720, Rack 2U, Xeon QC X5450 3.0GHz/1333 MHz/12MB, 2x1GB FBD 667, ROMB + 256MB Cache, no DVD, no HDD, EURO power cable, no rack rail kit, no KB, no mouse, EasyBuild+ASM, 3 Year Warranty On Site Next Business Day	TT.R72D0.038	GBP 1938.00	

**Acer Altos Server R920**



**Target User**

- Professional and Small Business Solutions
- Small and Medium Companies
- Enterprises

**Key Selling Points**

- 64 Bit and Quad Core performance
- Mission critical reliability
- Easy to install and manage

**Standard Configuration**

Form Factor	Rack optimized server, 4U
Processor	Up to four quad core or dual core Xeon MP processor Front side bus 1066 Mhz Intel® Virtualization Technology Intel® HT technology Supports Intel® Extended Memory 64 technology
Number of processor	Two Dual or Quad Core CPU installed, up to 4 CPU max
Cache	According to CPU model: 4MB, 6MB, 8MB
Chipset	Intel® 7300 Chipset
Memory	Up to 128GB of ECC DDR2 667 MHz Fully Buffered DIMMs Up to 32 DIMM slots Standard configuration includes one memory board for up to 8 DIMM. Support for up to 4 memory board (32 DIMM) in maximum configuration. Memory Sparing technology Memory Mirroring technology Memory Mirroring and Sparing require specific memory configurations, verify on local Price List and with your local Acer representative.
Expansion slots	Seven PCI Express Slots Two hot-swappable PCI Express® x8 (x8 throughput) Two PCI Express® x8 (x8 throughput)
Storage interface	Three PCI Express® x8 (x4 throughput) Two integrated SATA 3 Gb/s ports Eight integrated SAS ports Embedded RAID option
RAID support	Integrated SAS software with RAID 0, 1, 10 support RAID activation key SAS hardware supporting RAID 0, 1, 5, 6, 10, 50, 60 (may be included in specific configurations) 512MB RAID Cache (may be included in specific configurations) RAID BBU (may be included in specific configurations)
Disk bays	eight hot-swappable 2.5" SAS HDDs Slim-type DVD-ROM, Slim DVD-Super Multi or DVD/CD-RW combo
Media bays	one free 5.25" bay for optional USB/SAS tape drive
Max Internal Storage	1.176TB SAS (8x 147GB SAS drives)
Network Interface	Integrated four-port Gigabit Ethernet
Power Supply	1570 W 1+1 hot-swappable, redundant power supply, 110/220 V
Hot Swap Component	Hard Disk Drives Redundant Power Supply Hotswap redundant fans Hot pluggable PCI slots
Systems management	Acer Altos Easydiagnostics Acer Altos Remote Management Card option kit Acer Altos Advanced Server Manager Acer Altos Easybuild
Floppy and CD	DVD slimline standard optional External USB 3.5" FDD
Cooling system	hot-swap redundant fan modules
Operating systems supported	Microsoft® Windows Server® 2003 Standard and Enterprise Edition Microsoft® Windows Server® 2003 Standard and Enterprise Edition (EM64T) Red Hat® Enterprise Server 5.0 Red Hat® Enterprise Linux® 5.0 (EM64T) SuSE® Linux Enterprise Server 10 SuSE® Linux Enterprise Server 10 (EM64T)
Safety	Nemko GS, UL/cUL, BSMI, CB
EMI	FCC Class A, CE, BSMI
Weight	41 kg - System weight will vary according to configuration. The weight indicated is for a typical configuration
Dimensions	173 x 445 x 699 mm (6.8 x 17.5 x 27.5 inches)
Onboard I/O connectors	5x USB connector (2 rear, 3 front) 2x Video port (1 front, 1 rear) 1x 9 pin serial port 4x network ports RJ-45
System Management	Acer Altos Easybuild 8.0 Acer Altos Advanced Server Manager 8.0 Acer Altos Remote Management Card option kit Acer Altos Easydiagnostics

<b>Model</b>	<b>Part Number</b>	<b>Price Including VAT</b>	
<b>Altos R920</b> Altos R920, Rack 4U, 2x Xeon MP QC E7310 1.6GHz/1066/4MB, 2x1GB FBD, 1xMemory board, DVD slimline, SAS ROMB + 512MB + BBU, no HDD, 4X LAN Gbit, no Rack Kit, EURO power cable, no KB, no mouse, EasyBuild+ASM, 3 Years Warranty On Site Next Business Day	TT.R92E0.003	GBP 6931.00	
<b>Altos R920</b> Altos R920, Rack 4U, 2x Xeon MP QC E7330 2.4GHz/1066/6MB, 2x1GB FBD, 1xMemory board, DVD slimline, SAS ROMB + 512MB + BBU, no HDD, 4X LAN Gbit, no Rack Kit, EURO power cable, no KB, no mouse, EasyBuild+ASM, 3 Years Warranty On Site Next Business Day	TT.R92E0.005	GBP 8224.00	
<b>Altos R920</b> Altos R920, Rack 4U, 2x Xeon MP QC X7350 2.93GHz/1066/8MB, 2x1GB FBD, 1xMemory board, DVD slimline, SAS ROMB + 512MB + BBU, no HDD, 4X LAN Gbit, no Rack Kit, EURO power cable, no KB, no mouse, EasyBuild+ASM, 3 Years Warranty On Site Next Business Day	TT.R92E0.007	GBP 10456.00	



## Altos EasyStore



### Target User

- Professional and Small Business Solutions
- Small and Medium Companies
- Enterprises

### Key Selling Points

- File sharing
- Automatic client backup and remote system restore
- Advanced data protection
- Snapshot backup
- Easy to setup
- Easy to manage
- A quiet, energy saving but big in capacity NAS
- Built-in DHCP and FTP server
- Intel XScale Processor

## Standard Configuration

Processor	Intel® 80219 IOP 600MHz
Max Speed	600 MHz
System Memory	DDR-SDRAM 256MB
Embedded OS	Intel® 8MB NOR Flash
Storage Capacity	Up to 2TB (4x SATA HDD)
Hard Disk Drive	4 Serial ATA , SATA I / II , Intel® 31244
RAID levels	RAID 0, 1, 5, 10, and JBOD
File Format Protocol	CIFS/SMB/NFS
Network Controller	Intel® i82541 Gigabit Ethernet
Bandwidth	1Gb
USB 2.0 x2	FAT/FAT32 file format for flash Disk
Client OS Support	Windows 2000/XP/2003, UNIX, Mac 7.X and later, Linux
Client Backup	Yes
Client Recovery	Yes
No. of Client License	2 standard, up to 16 optional
Network Protocol	FTP, CIFS/SMB, NTFS
Network Service	DHCP Client/Server
Management Interface	Web GUI
Client Support Capabilities	Max. 64 Clients, Max. 16 Groups, Max. 32 Shared Folders
Shared Folder Access Control	user name or group level access authentication
System Fan	1 (92 x 92 x 25 mm)
Temperature, Ambient Operating	0 to 40 °C
Humidity, Ambient Operating	10 to 90 percent
Dimensions	11.5 x 24 x 21 cm
Weight	4.5 kg
Front Panel	Power Button x 1, Power LED x 1, LAN Connection LED x 1, LAN Active LED x 1, RAID Status LED x 1, System Status LED x 1
Back Panel	Reset Button x 1, Gigabit Ethernet (RJ45) Port x 1, USB 2.0 Port x 2, Power Socket x 1
Input	AC 115-230V @ 50-60 Hz
Output	220W
Compliance	CE/FCC Class B

Model	Part Number	Price Including VAT
<b>Altos easyStore 1TB</b> Altos easyStore 1 Terabyte. NAS Box with 4x 250GB SATA 2 HDDs on Acer Hot Swap carrier. RAID 0,1,10,5 support, 256MB cache, 1x LAN ports, 2x USB connectors, 1x Client License DiskSafe Express Backup & Recovery. 3 Years Carry-In Warranty.	ST.EASYS.1TC	GBP 344.00
<b>Altos easyStore 2TB</b> Altos easyStore 2 Terabyte. NAS Box with 4x 500GB SATA 2 HDDs on Acer Hot Swap carrier. RAID 0,1,10,5 support, 256MB cache, 1x LAN ports, 2x USB connectors, 1x Client License DiskSafe Express Backup & Recovery. 3 Years Carry-In Warranty.	ST.EASYS.2TC	GBP 586.00

<b>Altos easyStore 3TB</b> Altos easyStore 3 Terabyte. NAS Box with 4x 750GB SATA 2 HDDs on Acer Hot Swap carrier. RAID 0,1,10,5 support, 256MB cache, 1x LAN ports, 2x USB connectors, 1x Client License DiskSafe Express Backup & Recovery. 3 Years Carry-In Warranty	ST.EASYS.3TC	GBP 856.00	
<b>Altos easyStore 4TB</b> Altos easyStore 4 Terabytes. NAS Box with 4x 1TB SATA 2 HDDs on Acer Hot Swap carrier. RAID 0,1,10,5 support, 256MB cache, 1x LAN ports, 2x USB connectors, 1x Client License DiskSafe Express Backup & Recovery. 3 Years Carry-In Warranty.	ST.EASYS.4TD	GBP 1174.00	

**Altos Storage Server (ASC 5.0)**



**Target User**

- Professional and Small Business Solutions
- Small and Medium Companies
- Enterprises

**Standard Configuration**

Model	Part Number	Price Including VAT
<b>Acer Storage Server</b> Storage Server ASC G540. ASC 5.0 Valuepack. Xeon 5130, 2x1GB FBD 667, RAID 5 controller, 4x750GB SATA, DVD, 2xLAN gigabit onboard, EURO power cable, PS2 mouse, NO KB, EasyBuild 7.1	ST.ASCG5.001	GBP 3849.00
<b>Acer Storage Server</b> Storage Server ASC R720. ASC 5.0 Valuepack. Rack 2U, Xeon 5130, 2x1GB FBD 667, RAID 5 controller, 5x500GB SATA HDD, DVD, EURO power cable, no rack rail kit, no KB, no mouse, EasyBuild 7.1	ST.ASCR7.001	GBP 3999.00
<b>Acer Storage Server</b> Storage Server ASC HA R720. ASC 5.0 Valuepack. Rack 2U, Xeon 5130, 2x1GB FBD 667, RAID 5 controller, 2x36GB 15K SAS HDD, DVD, EURO power cable, no rack rail kit, no KB, no mouse, EasyBuild 7.1	ST.ASCR7.002	GBP 3599.00

**Altos Tape Backup Automation**



**Target User**

- Small and Medium Companies
- Enterprises

**Key Selling Points**

- Improved and low-noise air ventilation
- Optional Remote Management Utility
- Code Protected Panel
- Field Replaceable Fan
- Standalone and Rack-mountable

**Standard Configuration**

Maximum Capacity per Cartridge	LTO2 200GB native, 400GB compressed
Maximum Data Transfer Rate	LTO2 native 24MB/s, compressed 48MB/s
Capacity	native 1600GB, compressed 3200GB (2:1 compression ratio assumed)
Drive	One LTO Ultrium-2 HH drive
Number of Slot	8
Supported Media	LTO Ultrium-1, LTO Ultrium-2, LTO cleaning cartridge
Power Consumption	100-127V AC or 100-240V AC / 50-60Hz
Noise Level (idle)	<55 dbA. Meeting the "Quiet Office" requirement
Robotics and Drive	Ultra 160 LVD, 16 bit, 68pin, HD connector
Optional	HVD-SCSI
Remote Management Unit	RJ45
MTBF	250,000
Width	406 mm/16 inch
Height	84 mm/3.3 inch
Depth	610 mm/24 inch
Weight	10 kg/22 lbs

Model	Part Number	Price Including VAT
<p><b>Altos LTO2 Tape Autoloader</b></p> <p>When the number-one reason for data loss is human error, automation can help businesses improve the data protection. Automating the backup process is easy and affordable with Acer Altos LTO2 Tape Autoloader. It provides a native capacity of up to 1.6 TB at 2U in height. Starting at a very affordable price, the Altos LTO2 Tape Autoloader offers optional features such as remote management utility, bar code reader to simplify the data backup and restore management. By eliminating the administrative costs and downtime associated with manual backups, automating the backup process protects both your data and your budget.</p>	ST.TPEAU.001	GBP 3699.00

**Altos Windows Cluster**



**Target User**

- Professional and Small Business Solutions
- Small and Medium Companies
- Enterprises

**Key Selling Points**

- Easy To Deploy
- More scalability and reliability to your cluster storage
- Protect critical data to a even higher level

**Standard Configuration**

Model	Part Number	Price Including VAT	
<b>Altos C720 Windows Cluster</b> Solution base consists of 2* Altos R720 rack optimized server and 1* Acer-HDS TagmaStore Model AMS200 Fibre Channel Storage System	CL.R72FC.W01	GBP 16999.00	
<b>Altos C720 Windows Cluster Multi-Path</b> Solution module to enable multi-path feature for the Altos C720 Windows cluster	CL.R72FC.MP1	GBP 3999.00	
<b>Altos C720 Windows Cluster</b> Acer Altos C720 Cluster Solution. Two R720 servers (1x Xeon 5130, 2x1GB, 2x36GB 15k SAS HDD, 1xFC 4GB HBA 1 ch) plus 1x Acer-HDS WMS100 (1x controller with 1GB cache, NO HDD, 4GB interface)	CL.R72FC.W02	GBP 14699.00	
<b>Altos C720 Windows Cluster</b> Acer Altos C720 Cluster Solution. Two R720 servers (1x Xeon 5130, 2x1GB, 2x36GB 15k SAS HDD, 1xFC 4GB HBA 1 ch) plus 1x Acer-HDS AMS200 (1x controller with 1GB cache, NO HDD, 4GB interface)	CL.R72FC.W03	GBP 14999.00	

**Altos Rack 1024**



**Target User**

- Small and Medium Companies
- Enterprises

**Key Selling Points**

- Altos 1024 comes fully assembled with all necessary components for immediate deployment.
- Altos 1024 ships standard with lockable, fully perforated front and rear doors providing optimum air flow
- T-slots in the rack frame allows for variable positioning of cable management, power distribution and other accessories. The top cover of the rack includes a 3-part adjustable cable entry installed with brush-strip for dust protection
- Over 80% of the base area is open, allowing easy access for cabling even when deep equipment is deployed in the rack.
- A mobile plinth extends forward the rack door by 100mm providing increased portability, easier cabling access and enhanced stability. The plinth can be removed for use on raised computer floors or to increase the loading capability of the rack.

**Standard Configuration**

OVERALL HEIGHT WITH PLINTH	1300mm
OVERALL HEIGHT WITHOUT PLINTH	1200mm
EQUIPMENT MOUNTING HEIGHT	1067mm
OVERALL DEPTH WITH PLINTH	1100mm
OVERALL DEPTH WITHOUT PLINTH	1000mm
EQUIPMENT MOUNTING DEPTH	740mm
FREE SPACE IN FRONT OF EQUIPMENT	90mm
FREE SPACE BEHIND EQUIPMENT	90mm
OVERALL WIDTH	600mm
FREE AIRFLOW THROUGH MESH DOORS	63%

Model	Part Number	Price Including VAT
<b>Altos Rack 1024 Basic</b> Altos 1024 Basic: 1x 24U Rack, 4x 19" Component Mounting Hole Extrusion, 2x Side Panel D1000, 2x Multifunctional Strut D1000, 2x Door with Lock (front & rear), 1x Top Cover with Cable Entry Installed with "BrushStrip", 1x Mobile Plinth D1100 with Cable Entry and Leveling Feet, 1x Complete Earthing set, 1x (50pcs) Cage Nut M5, 1x (50pcs) Oval Head Screw M5 with Washer, 1x (5pcs) Cable Routing Ring	SO.24U00.001	GBP 1029.00

**Altos Rack 1042**



**Target User**

- Small and Medium Companies
- Enterprises

**Key Selling Points**

- Altos 1042 comes fully assembled with all necessary components for immediate deployment.
- Altos 1042 ships standard with lockable, fully perforated front and rear doors providing optimum air flow.
- T-slots in the rack frame allows for variable positioning of cable management, power distribution and other accessories. The top cover of the rack includes a 3-part adjustable cable entry installed with brush-strip for dust protection
- Over 80% of the base area is open, allowing easy access for cabling even when deep equipment is deployed in the rack.
- A mobile plinth extends forward the rack door by 100mm providing increased portability, easier cabling access and enhanced stability. The plinth can be removed for use on raised computer floors or to increase the loading capability of the rack.

**Standard Configuration**

OVERALL HEIGHT WITH PLINTH	2100mm
OVERALL HEIGHT WITHOUT PLINTH	2000mm
EQUIPMENT MOUNTING HEIGHT	1867mm
OVERALL DEPTH WITH PLINTH	1100mm
OVERALL DEPTH WITHOUT PLINTH	1000mm
EQUIPMENT MOUNTING DEPTH	740mm
FREE SPACE IN FRONT OF EQUIPMENT	90mm
FREE SPACE BEHIND EQUIPMENT	90mm
OVERALL WIDTH	600mm
FREE AIRFLOW THROUGH MESH DOORS	63%
LOAD RATING WITH PLINTH	300kg static
LOAD RATING WITHOUT PLINTH	600kg static
EQUIPMENT MOUNTS	19" cage nut mounts to IEC 297-3
IP RATING	IP20
TESTS	earthing to VDE 0100 P 540 vibration test to MIL-STD 810 E IP test to DIN 40 050 / IEC 529
BASIC FRAME MATERIAL	aluminium extrusion / casting
PANEL MATERIAL	Sheet steel, powder coated RAL 7021 dark grey

Product models and specifications may vary depending on country. - Please contact your local Acer office.

Model	Part Number	Price Including VAT	
<b>Altos Rack 1042 Basic</b> Altos 1042 Basic: 1x 42U Rack, 4x 19" Component Mounting Hole Extrusion, 2x Side Panel D1000, 2x Multifunctional Strut D1000, 2x Door with Lock (front & rear), 1x Top Cover with Cable Entry Installed with "BrushStrip", 1x Mobile Plinth D1100 with Cable Entry and Leveling Feet, 1x Complete Earthing set, 1x (50pcs) Cage Nut M5, 1x (50pcs) Oval Head Screw M5 with Washer, 1x (5pcs) Cable Routing Ring	SO.42U00.001	GBP 1069.00	