

Serveurs



9031



AT110 F2

L'AT110 F2 fournit de véritables fonctionnalités serveur et l'évolutivité adéquate pour répondre aux besoins des PME d'aujourd'hui, tout en ayant un ratio prix/performance excellent. Ce modèle tour mono processeur possède également une alimentation répondant au standard 80 Plus®, un gage de réduction de la consommation.

Smart Investment for Your Growing Business

Driven by a brand-new Intel architecture along with greater memory capacity and higher performance, this tower server uses industry-leading 32nm processors that handle large workloads more efficiently. Flexible expansion slots and up to 8TB of space for data storage satisfy the demands of your growing business.

Meeting Business Needs With Best Value

The AT110 F2 is packed with dependable server-class hardware, including an integrated Gigabit Ethernet controller for speedy and safe data transmission, and built-in 6-channel SATA with software RAID 0, 1, 5 (optional) or 1+0 to ensure data security.

Fundamental Management, Easy Use

This server provides comprehensive management utilities, including Acer Smart Setup for rapid server configuration. In addition, front-panel system health LED indicators let you check the server at a glance.

Cost-Effective Expandability, Green Computing

The AT110 F2 is designed with a toolless chassis that enables easy component access, reducing maintenance and service costs. Also, this tower server is Energy Star certified and equipped with an 80 Plus power supply for maximum energy efficiency.



AT115 F1

L'AT115 F1 fournit les fonctionnalités essentielles d'un serveur ainsi qu'une évolutivité standard, en adéquation avec un parfait rapport prix/performance, se faisant l'allier idéal des PME et bureaux externalisés. Ce modèle tour mono processeur possède une architecture multi-cœurs permettant de répondre à vos besoins en terme de consolidation ou de virtualisation, de même sa certification au label Energy Star® est un gage de réduction énergétique.

Easy Manageability and Serviceability

The AT115 F1 is designed with a toolless chassis that allows easy component access for convenient maintenance. This server also provides comprehensive management utilities, including Acer Smart Server Setup for rapid server configuration, complemented by flash-based utilities that enable you to update your server in an instant.

Power-Efficient, Solid Computing

The AT115 F1 is driven by the worlds lowest power-per-core server processor, the AMD Opteron 4000 Series platform, featuring next-generation Direct Connect Architecture 2.0 to deliver improved system performance and efficiency. In addition, AMD-P technology optimizes power management without compromising performance, and AMD-V technology lowers system overhead through simplified virtualization.

Secure and Grow Your Business

This tower server offers a host of expansion slots and huge data storage with up to 4 SAS/SATA HDDs to meet changing business needs and technology upgrades. WDDR3 memory speeds up data processing, and integrated 6-channel SATA ports with software RAID 0, 1, 1+0 ensure data security.

Easy manageability and serviceability

The GT115 F1 is designed with a tool-less chassis that allows easy component access for convenient maintenance. This server also provides comprehensive management utilities, including Gateway Smart Setup for rapid server configuration, complemented by flash-based utilities that enable you to update your server in an instant.



AT150 F1

Le serveur tour rackable AT150 F1 est une plateforme biprocesseur disposant de fonctionnalités de tolérance de pannes élevées, d'importantes possibilités d'extension et une flexibilité complète. Ce modèle à haute densité de seulement 4U possède une efficacité énergétique appréciable et représente une solution parfaite pour les PME ou les bureaux déportés.

Intel Xeon® 5500/5600 Series Processors

Groundbreaking features include automated energy scalability to achieve optimal performance-to-watt usage combined with flexible virtualization environments to improve IT infrastructure to reduce operating costs. Benefiting from the world's most adaptable server platform, the Intel Xeon 5500 and 5600 Series Processors marry Intel's Turbo Boost and Hyper-Threading technologies to maximize performance while adapting to the applications and workloads you run. This fully IT-adaptable platform also boasts high energy-efficient standards, and it places the CPU in the lowest available power state while still meeting high-performance requirements. Choosing from a range of core sizes, from dual to quad to the incredible 6-core, you can give your enterprise as much power as it needs to perform perfectly.

Flexibility in the Design

Featuring up to 8 HDDs, with 6 PCIe 2.0 slots for expansion, including Acer Flex I/O and up to 12 DIMM slots, this 4U tower server provides maximum expansion flexibility. Plus, security is a high-level feature on this server, thanks to the built-in 6-channel SATA with software RAID 0, 1, 5, 10.

Cost-Effective Management Solution

This server's toolless chassis design makes for easier component access and expandability options, translating to reduced costs for maintenance and service. Setup and management of your server system are simplified thanks in large part to proactive software tools such as Acer Smart Setup. Acer Smart Server Manager and Acer Smart Server Console also allow for essential health monitoring of your system and for simplified remote KVM-over-IP management.



AT310

Le serveur AT310F2 possède des fonctionnalités de supervision proactive en adéquation avec son positionnement et son ratio prix/performance, faisant de ce modèle le choix parfait pour les PME ou les départements extérieurs. Ce modèle monoprocesseur possède une alimentation à haut rendement afin d'économiser l'énergie tout en fournissant une productivité parfaite.

Intel®; Processing Solutions

Featuring innovative processing options such as the Intel Xeon 3400 Series, Intel Core i3 or Intel Pentium, this server gives you a host of powerful options for automated energy scalability. It also provides flexible virtualization environments to improve IT infrastructure and reduce operating costs.

Data Security

Packed with dependable hardware, this single-socket tower ably performs the task of keeping your security updated. Stocked with hot-pluggable HDDs and including an onboard Gigabit Ethernet controller that supports iSCSI boot for seamless and speedy data transmission, this server gives security utmost importance.

Cost-Effective Management Solution

This server's toolless chassis design makes for easier component access and expandability options, translating to reduced costs for maintenance and service. Also, setup and management of your server system are simplified thanks in large part to proactive software tools such as Acer Smart Setup. Acer Smart Server Manager and Acer Smart Server Console also allow for essential health monitoring of your system and for simplified remote KVM-over-IP management.



AT350 F1

Le serveur tour AT350 F1 est une plateforme biprocesseur adaptable en rack et délivrant d'excellentes performances, il possède également de larges possibilités d'expansion et une large gamme d'options. Ce modèle à l'efficacité énergétique de premier plan est également un modèle 4U ultra-dense, parfaitement adapté aux besoins des PME ainsi que ceux des départements externalisés.

Intel Xeon®; 5500/5600 Series Processors

Groundbreaking features include automated energy scalability to achieve optimal performance-to-watt usage combined with flexible virtualization environments to improve IT infrastructure to reduce operating costs. Benefiting from the world's most adaptable server platform, the Intel Xeon 5500 and 5600 Series Processors marry Intel's Turbo Boost and Hyper-Threading technologies to maximize performance while adapting to the applications and workloads you run. This fully IT-adaptable platform also boasts high energy-efficient standards, and it places the CPU in the lowest available power state while still meeting high-performance requirements. Available in a range of core sizes, from dual to quad to the incredible 6-core, this server can provide your enterprise as much power as it needs to perform perfectly.

Cost-Effective Design

Easier access to components simplifies upgrades and fixes, translating to reduced costs for maintenance and service. The toolless design is a must for reducing overhead. Plus, this server boasts Energy Star certification for eco-consciousness and power savings.

Grow Your Business. Safely.

Flexibility is key for a growing business. Fortunately, this server features hot-pluggable HDDs and expansion slots galore, including Acer Flex I/O, PCIe 2.0 and up to 18 DIMM slots with mirroring and lock-step modes for scale-up flexibility. Plus, this server also features TPM-compliant data protection paired with a built-in 6-channel SATA hard disk drive with software RAID 0, 1, 10 for dependable data security.



AR160 F1

Le serveur biprocesseur AR160 F1 fournit des performances et une évolutivité requises par les entreprises d'aujourd'hui tout en permettant un gain d'espace non négligeable. Avec une suite de supervision complète et une conception intelligente, ce serveur rack sera parfait pour les centres informatiques à haute densité et les infrastructures de type e-commerce ou cluster.

Intel Xeon® 5500 Processor

Groundbreaking features include automated energy scalability to achieve optimal performance-to-watt usage combined with flexible virtualization environments to improve IT infrastructure to reduce operating costs. Benefiting from the world's most adaptable server platform, the Intel Xeon 5500 Series Processor marries Intel's Turbo Boost and Hyper-Threading technologies to maximize performance while adapting to the applications and workloads you run. This fully IT adaptable platform also boasts high energy-efficient standards, and places the CPU in the lowest available power state while still meeting high-performance requirements.

Total Management Solution

From simplified configuration with Acer Smart Setup to solid and expandable data administration through Acer Smart Server Manager, the AR160 is a robust management solution in a single 1U server configuration. Plus, this server boasts a TPM-data protection system complemented by a 6-channel SATA hard disk drive supported by RAID software.

Simplified, Environment-Friendly Expansion

Upgradeable technologies and components make cost efficiency easy to achieve while also accentuating eco-friendliness. We proudly support and participate in the Climate Savers Computing Initiative as well as the 80 Plus program.



AR180 F1

Le serveur rack AR180F1 biprocesseur fournit un haut niveau de performance, un large potentiel d'évolutivité et permet, grâce à sa conception 2U, d'atteindre une capacité de stockage importante. Une suite de supervision complète ainsi que des composants à haute efficacité énergétique, lui permettent pour un coût maîtrisé, de répondre aux besoins des infrastructures de type cluster, comme aux montées en charge instantanées.

High-Availability Computing

Two Intel Xeon 5500/5600 Series Processors with multicore performance and fast DDR3 memory ensure solid operation for high-speed computing and memory-intensive applications. Hot-pluggable power supply units and hard drives, redundant system fans, dual-network ports, and built-in 6-channel SATA ports (with RAID 0, 1, 5, 10 support) increase system uptime and provide secure data processing.

Superior Flexibility and Expandability

This 2U rack server offers ample headroom for expansion: 12 DIMM slots for up to 192GB of memory, 7 expansion slots, and 12 HDDs for up to 24TB of storage provide excellent computing flexibility to scale with growing business needs.

Comprehensive Data Management

A suite of management solutions with a unified, easy-to-use interface includes Acer Smart Setup for rapid system configuration; Acer Smart Server Manager for collaborative data administration; and Acer Smart Server Console for system health monitoring, alert notification, and KVM-over-IP remote management.

Cost-Effective, Earth-Friendly Operation

The toolless chassis design of our AR180 F1 makes component access easy, reducing maintenance and service costs. Plus, Acer supports and participates in the Climate Savers Computing Initiative and 80 Plus program for eco-consciousness and environmental preservation.



AR320F2

Le serveur monoprocesseur AR320F2 fournit des performances et des capacités d'évolutions d'un excellent niveau tout en ayant une conception très compacte. Des fonctions de supervision efficaces permettent aux PME et aux grandes entreprises de satisfaire leurs besoins.

Intel®; Processing Solutions

Featuring innovative processing options such as the Intel Xeon 3400 Series, Intel Core i3 or Intel Pentium, the AR320 offers a host of powerful options for automated energy scalability while providing flexible virtualization environments to improve IT infrastructure and reduce operating costs.

Total Management in a 1U Rack

Our AR320 comes installed with full-management solutions, including Acer Smart Setup for rapid OS configuration. Acer Smart Server Manager provides for effective data administration, and Acer Smart Server Console monitors system health, delivers alert notifications, and allows for KVM-over-IP remote management.

Smarter Components

The AR320 is loaded with features to simplify maintenance. Redundant fans, hot-pluggable hard disk drives and a dual-port Gigabit Ethernet controller support iSCSI boot for seamless and speedy transmission of data.

Intel®; Processing Solutions

Featuring innovative processing options such as the Intel Xeon® 3400 Series Processor, Intel Core™ i3 Processor or the Intel Pentium Processor, you're provided with a veritable host of powerful options for allowing automated energy scalability while providing flexible virtualization environments to improve IT infrastructure and reduce operating costs.



AR360 F1

Le serveur biprocesseur AR360 F1 fournit d'excellentes performances ainsi que des capacités d'évolutions cohérentes avec sa conception si compacte. Avec des possibilités de supervision avancées et un niveau de tolérance de panne élevé, ce serveur rack 1U est taillé pour les entreprises exigeantes, les groupes multi-sites ou les bureaux externalisés.

Intel Xeon® 5500/5600 Series Processors

Groundbreaking features include automated energy scalability to achieve optimal performance-to-watt usage combined with flexible virtualization environments to improve IT infrastructure and reduce operating costs. Benefiting from the world's most adaptable server platform, the Intel Xeon 5500 and 5600 Series Processors marry Intel's Turbo Boost and Hyper-Threading technologies to maximize performance while adapting to the applications and workloads you run. This fully IT-adaptable platform also boasts high energy-efficient standards, and places the CPU in the lowest available power state while still meeting high-performance requirements. Available in a range of core sizes, from dual to quad to the incredible 6-core, our AR360 can provide your enterprise with the power it needs to perform perfectly.

More Than Flexible

Having a 6-channel SAS host controller with software RAID 0, 1, 5, 10 to ensure data protection is a nice start, but this 1U rack server also features 8 hot-pluggable hard disk drives, 2 PCI Express 2.0 slots and up to 18 DIMM slots for a maximum storage capacity of 4.8TB for premium options for expansion.

Costs. Managed.

The efficient design of the AR360's toolless chassis makes accessing components effortless, thereby reducing maintenance and service costs. Plus, this rack server features an 80+ Gold-level efficient PSU, performing at a 33% increased rate over standard PSUs translating to even more savings for your enterprise.



AR380 F1

Le serveur AR380F1 est un modèle biprocesseur haute de performance, possédant des options de tolérance de pannes avancées, ainsi qu'une conception très compacte. Ce châssis modulaire 2U, réponds aussi bien aux besoins de PME comme de ceux des grandes entreprises.

Intel Xeon®; 5500/5600 Series Processors

Groundbreaking features include automated energy scalability to achieve optimal performance-to-watt usage combined with flexible virtualization environments to improve IT infrastructure and reduce operating costs. Benefiting from the worlds most adaptable server platform, the Intel Xeon 5500 and 5600 Series Processors marry Intels Turbo Boost and Hyper-Threading technologies to maximize performance while adapting to the applications and workloads you run. This fully IT-adaptable platform also boasts high energy-efficient standards, and it places the CPU in the lowest available power state while still meeting high-performance requirements. Available in a range of core sizes, from dual to quad to the incredible 6-core, this server will give your enterprise the power it needs to perform perfectly.

Protect Your Investment

Installed on this 2U rack server are robust management solutions such as Acer Smart Setup, which allows you to set up your system quickly and easily. Also, Acer Smart Server Manager and Acer Smart Server Console are essential tools for maintaining smooth and collaborative data administration that can be remotely monitored via KVM-over-IP and that will alert your IT staff of any irregularities.

Cost-Effective Design

Easier access to components simplifies upgrades and fixes, translating to reduced costs for maintenance and service. The toolless design of our AR380 is a must for reducing overhead and it means its easy to take advantage of the ample room for expansion. Featuring hot-pluggable HDDs and 7 expansion slots, with up to 18 DIMM slots, this server can help your business grow into an enterprise.



AR385 F1

Le serveur à haut rendement AR385 F1 est un modèle biprocesseur au format rack qui possède une très bonne évolutivité ainsi qu'une importante capacité de stockage de masse et de mémoire vive tout en ayant un encombrement réduit. Ce modèle 2U très modulaire présente des qualités énergétiques importantes, une architecture multi-cœurs, des fonctionnalités de virtualisations avancées ainsi que des outils de supervision complets, l'outil parfait pour les entreprises exigeantes et les besoins des centres informatiques.

Powerful Components for Mission-Critical Operation

The latest 8-core or 12-core AMD Opteron 6100 Series platform featuring advanced G34 socket architecture blazes through the most demanding applications. DDR3 registered or unbuffered ECC memory speeds data processing for memory-intensive workloads. In addition, PCI Express 2.0 provides faster signaling for higher bandwidth and better performance.

High Availability, Optimized System Uptime

Massive memory capacity with up to 24 DIMM slots, 6 expansion slots, 16 hot-pluggable HDDs, and 80 Plus efficiency hot-pluggable PSUs increase your computing productivity. Integrated dual Gigabit Ethernet controllers provide speedy data transmission via 4 LAN ports, and the onboard 6-channel SAS storage controller with software RAID 0, 1, 10 ensures data protection.

Proactive Management, Easy Serviceability

Its easy-to-use interface offers convenient access to a suite of management utilities, including Acer Smart Setup for rapid system configuration; Acer Smart Server Manager for effective data administration; and Acer Smart Server Console for system health monitoring, alert notification, and KVM-over-IP remote management.

Energy-Efficient Green Computing

The toolless chassis design makes component access effortless, reducing maintenance and service costs. Also, Acer proudly participates in the Climate Savers Computing Initiative and 80 Plus program for environmental preservation and eco-consciousness.



AR585 F1

Le serveur AR585F1 quadri processeur délivre des performances de hauts niveaux avec une excellente efficacité énergétique, tout en ayant des options de haute disponibilité et d'extension de haut vol. Avec une conception compacte, le châssis multi-cœurs 2U, permet une parfaite solution de consolidation et offre une plateforme de virtualisation conjointement à des fonctions de management taillées pour l'entreprise.

Solid Performance for Your Growing Business

The 8-core or 12-core AMD Opteron 6100 Series platform features groundbreaking G34 socket architecture to deliver performance for the most demanding applications. DDR3 registered or unbuffered ECC memory speeds up data processing for memory-intensive workloads, while PCI Express 2.0 provides faster signaling for higher bandwidth and better performance.

High Availability, Increased Productivity

Up to 6 hot-pluggable HDDs, 1+1 redundant 80 Plus hot-pluggable PSUs, 4 expansion slots, and massive memory capacity with up to 32 DIMM slots deliver scale-up business flexibility and seamless operation. The onboard 6-channel SATA storage controller with integrated RAID 0, 1, 10 support ensures data protection, and 2 Gigabit Ethernet controllers deliver speedy data transmission via 4 LAN ports.

Comprehensive Manageability, Easy Serviceability

An easy-to-use interface offers convenient access to robust management solutions. These include Acer Smart Setup for rapid system configuration; Acer Smart Server Manager for collaborative data administration; and Acer Smart Server Console for system health monitoring, alert notification, and KVM-over-IP remote management.

Energy-Efficient Green Computing

The AR585s toolless chassis design and rackmount kit make component access effortless, reducing maintenance and service costs. Also, Acer expresses its concern for the environment by participating in the Climate Savers Computing Initiative and 80 Plus program for eco-consciousness.



AW2000h-AW170hq F1

L'Acer AW2000h AW170hq F1 fournit des performances de premier ordre, des technologies de pointes, de multiples configurations, et une suite de supervision complète. Cette plateforme au format rack de 2U est extrêmement compacte. De plus, ce modèle est spécialement étudié au niveau thermique afin de réduire et contrôler le intelligemment possible, sa consommation électrique et la montée en charge de 4 nœuds simultanément avec un maximum de huit processeurs Intel Xeon . Nœuds* Jusqu'à 4 nœuds AW170h F1 avec un slot standard low-profile PCIe 2.0 Jusqu'à 4 nœuds AW170hd F1 avec un slot standard low-profile PCIe 2.0 et un module DDR InfiniBand Jusqu'à 4 nœuds AW170hq F1 avec un slot standard low-profile PCIe 2.0 et un module QDR InfiniBand™ * Toutes les configurations possibles de nœuds peuvent être utilisées simultanément. Nodes* Up to 4 AW170h F1 nodes with standard low-profile PCIe 2.0 slot Up to 4 AW170hd F1 nodes with standard low-profile PCIe 2.0 slot and DDR InfiniBand module Up to four AW170hq F1 nodes with standard low-profile PCIe 2.0 and QDR InfiniBand™ module * Any of the node options can be used together.

Intel Xeon®; 5500/5600 Series Processors

Groundbreaking features include automated energy scalability to achieve optimal performance-to-watt usage combined with flexible virtualization environments to improve IT infrastructure and reduce operating costs. Benefiting from the worlds most adaptable server platform, the Intel Xeon 5500 and 5600 Series Processors marry Intels Turbo Boost and Hyper-Threading technologies to maximize performance while adapting to the applications and workloads you run. This fully IT-adaptable platform also boasts high energy-efficient standards, and it places the CPU in the lowest available power state while still meeting high-performance requirements.

Configurability for Easy Growth

Groundbreaking features include automated energy scalability to achieve optimal performance-to-watt usage combined with flexible virtualization environments to improve IT infrastructure and reduce operating costs.

Simplified Deployment and Management

Offering rapid server configuration and deployment, the Acer Smart Setup software provides easy setup, while Acer Smart Server Manager and Acer Smart Server Console provide a web-based interface for system management.



AW2000h-AW175hq F1

L'Acer AW2000h AW175hq F1 maximise efficacement l'ensemble de ses composants avec jusqu'à 4 nœuds interchangeables à chaud, indépendants et partageant uniquement leurs alimentations et leurs blocs thermiques. Cette plateforme au format rack 2U vous apporte dans le minimum d'espace, une architecture hautement configurable équipée des derniers processeur AMD Opteron 6000 Series, des alimentations éco-responsable d'un niveau 80+ Gold, et une suite de supervision complète ; ainsi vos objectifs actuels et futurs devraient donc être totalement atteint. Nœuds* Jusqu'à 4 nœuds AW175h F1 avec un slot standard low-profile PCIe 2.0 Jusqu'à 4 nœuds AW175hq F1 avec un slot standard low-profile PCIe 2.0 et un module QDR InfiniBand * Toutes les configurations possibles de nœuds peuvent être utilisées simultanément.

High-Density Computing Efficiency

This AW2000h accommodates up to 4 hot-pluggable nodes, offering quadruple computing density per chassis for better space utilization. Any combination of the AW175h F1 and AW175hq F1 server nodes may be used, each supporting up to 2 AMD Opteron 6000 Series Processors, 16 DDR3 registered/unbuffered ECC DIMMs, dual Gigabit Ethernet ports, and up to 3 SATA hard disk drives.

Superior Availability and Reliability

Software RAID 0, 1, 10 support safeguards data from disk failure, while dual Gigabit LAN ports offer speedy connections. Two 1400W easy-swap power supplies (hot pluggable) boast Gold-level compliance under the 80 Plus program, reducing power consumption to generate energy savings and preserve the planets energy resources.

Future-Ready Scalability

A quad data rate (QDR) InfiniBand module on the AW175hq F1 offers a scalable serial communications link for connecting processors with high-speed peripherals. Up to 2 processors, 128GB registered DDR3 memory, and 6TB storage per node make this AW2000h future ready to meet todays needs while ensuring great flexibility for tomorrow.

Proactive Management

Acer Smart Setup offers rapid server configuration and deployment. Acer Smart Server Manager and Acer Smart Server Console provide a web-based interface for system management.



AB2x280 F1

La lame serveur double nœud Acer AB2x280 F1 réponds aux besoins en constante évolution des grandes entreprises, des centres informatique, des applications de type cluster ou des plus lourdes et intenses charges de travail.

Dynamic Multiblade Versatility

Working with the AB7000 blade enclosure, the AB2x280 F1 maximizes density, availability, computing power, and manageability by sharing the same power supplies, cooling fans, management utilities and network switches. It also delivers outstanding energy efficiency in a dense environment.

Optimized for HPC Environments

HPC environments will greatly benefit from the massive capabilities delivered by 10 fully configured blades in a single enclosure, powered by up to 4 (2 per node) Intel Xeon 5500/5600 Series Processors per blade. Plus, 16 DIMM slots per blade (8 per node) provide ample and speedy processing for memory-intensive applications, and up to 40 HDDs in a single enclosure offer a whopping 20TB of SATA storage capacity.

High Availability and Reliability

Software RAID 0, 1 support provides superior fault tolerance and data security. Hot-pluggable and modular components, including power supplies, Ethernet switches, InfiniBand modules, management modules and HDDs, maximize system uptime and productivity.

Advanced System Consolidation and Management

Using an intelligent web-based interface offering convenient system monitoring, remote power control and alert notification, Acer Smart Blade Server Manager handles all Acer server blades within the managed network and Acer Smart Server Console handles components within the Acer server blade.



AB460 F1

La lame serveur Acer AB460 F1 réponds aux besoins en constante évolution des grandes entreprises, des centres informatique, des applications de type cluster ou les lourdes et intenses charges de travail.

Multiblade Efficiency

The AB460 F1 housed by the AB7000 blade enclosure offers maximized density, availability, computing power, and easy manageability by sharing the same power supplies, cooling fans, management utilities and network switches. It also delivers outstanding energy efficiency in a dense environment.

Optimized for HPC Environments

HPC environments will greatly benefit from the massive capabilities delivered by 10 fully configured blades in a single enclosure, powered by up to 2 Intel Xeon 5500/5600 Series Processors per blade. Plus, 12 DIMM slots per blade provide ample and speedy processing for memory-intensive applications, and up to 60 HDDs in a single enclosure offer a whopping 30TB in SATA storage capacity.

High Availability and Reliability

Software RAID 0, 1, 10 support provides superior fault tolerance and data security. Hot-pluggable and modular components, including power supplies, Ethernet switches, InfiniBand modules, management modules and HDDs, maximize system uptime and productivity.

Easy Management and Virtualization

Using an intelligent web-based interface offering convenient system monitoring, remote power control and alert notification, Acer Smart Blade Server Manager handles all Acer server blades within the managed network and Acer Smart Server Console handles components within the Acer server blade.



AB 7000 F1

Le châssis blade AB7000 utilise efficacement les lames serveurs Acer. Jusqu'à 10 lames serveurs avec InfiniBand™ QDR partageant la même source d'alimentation, module de supervision, bloc thermique et module réseau switch au sein de votre centre informatique ou infrastructure haute performance de type HPC.

Full Configurability

The 7U rack-mountable AB7000 enclosure can accommodate up to 10 twin-node server blades, for up to 30 more space savings than standard rack servers. Plus, up to 6 enclosures in a 42U rack offer a massive total storage capacity and yield supreme maximum processing power.

High-Efficiency Powerhouse

The AB7000 enclosure includes hot-pluggable (3+1 redundant) 2500W power supply units with integrated system cooling fans to generate up to 94 power efficiency, translating to lower consumption and bigger savings. Acer also proudly supports and participates in the Climate Savers Computing Initiative and 80 Plus program for energy efficiency.

Wide-Range Networking

The AB7000 enclosure features the fastest InfiniBand solution in the blade industry with up to 2 hot-pluggable 40GB quad data rate (QDR) InfiniBand switch modules, along with up to 2 hot-pluggable L2/L3 Gigabit Ethernet switches with 1GB / 10GB uplink ports to enable fast networking and flexible connections.

Straightforward Deployment and Administration

The compact design allows for easy installation and requires less cabling, thus reducing costs and improving workflow. The AB7000 enclosure also boasts IPMI 2.0 compliance with KVM administration for improved remote management, further extending IT capabilities.



AC100

L'AC100 met à votre disposition les fonctionnalités essentielles d'un véritable serveur ainsi qu'un réel potentiel d'évolution grâce à la combinaison unique des outils Acer¹ et à Microsoft® Small Business Server 2011 Essentials¹ vous assurant de la réussite d'une entreprise jeune-pousse ou d'une PME. Cet Ultra-micro serveur est certifié ENERGY STAR® et possède une alimentation 80 PLUS® , économisant ainsi de l'énergie et de l'espace tout en apportant à vos équipes une meilleur productivité.

Smart investment for growing businesses

A brand-new Intel® architecture drives the AC100 ultra-micro tower server with an industry-leading 32 nm processor, greater memory capacity, and higher performance to handle large workloads more efficiently. A PCI Express® x8 expansion slot and multiple USB/eSATA ports are available for external expansion. Four hot-swappable hard disk drives for up to 6 TB of data storage satisfy the demands of growing businesses.

Server-class reliability and security

The AC100 is packed with dependable server-class hardware: an integrated Gigabit Ethernet controller transmits data quickly and safely; ECC memory protection enhances data integrity and reliability; pre-configured RAID 0, 1, 5 models¹ ensure data security; and automatic backup protects valuable data and enables secure remote access from the web.

Friendly UI and add-ins optimize office productivity

Acer Dashboard¹ and Acer ITSmart¹ include powerful utilities to ease office IT operations and increase employee productivity: Sever Health Monitoring, Client PC Power Saving, Printer Sharing and Fax Notification, Intel® vPro™ Management²

Cost-effective expandability, green computing

The AC100 is designed with a tool-less micro tower chassis that allows easy component access, reducing maintenance and service costs. What's more, this tower server is ENERGY STAR® certified and equipped with an 80 PLUS® power supply for maximum energy efficiency.



DDR3 Memory

Acer offers powerful DDR3 memory with full compatibility and ample bandwidth for Acer servers supporting virtualization applications, database management, transaction processing and more. DDR3 memory delivers high server performance with less power consumption, even for applications requiring large amounts of memory. Acer offers registered DDR3 DIMMs with error correction for reliability and performance, plus unbuffered DIMMs for a balanced price-to-performance ratio. DDR3 Key Benefits: DDR3 can save up to 30 more power than DDR2 DDR3 memory has twice the bandwidth of DDR2 DDR3 (1333 MHz) is faster than DDR2 (800 MHz) Dual-/quad-rank DIMMs boost performance with Intel Xeon 5500/5600 and AMD Opteron 4000/6000 Series Processors

Optimal Reliability

Acer validates DDR3 memory, ensuring it supports AMD and Intel platforms even for the most data-intensive applications and business-critical, 24/7 transactions. Acers extensive compatibility testing optimizes performance and reliability to make sure system reliability is maintained at the highest level.

More Capacity and Lower Power Consumption

DDR3 increases overall performance and memory capacity with higher efficiency per watt and better data throughput. DDR3 outperforms DDR2 memory and consumes less power (1.5V vs. 1.8V).

Better Performance

DDR3 memory provides twice the bandwidth of DDR2, with data-transfer rates up to 1.6 GB/s and beyond. This enables improved visuals for the latest graphics-intensive applications.

Convenient Flexibility

Acer offers a complete DDR3 memory portfolio with 2 types of DIMMS (registered and unbuffered), as well as different ranks (single, dual and quad), so customers need contact only one source for all types of memory options.



Fibre Channel Host Bus Adapters

As a key element in our lineup of enterprise-level server options, Acer offers both single-port and dual-port Fibre Channel Host Bus Adapters (FC HBAs). Both the single-port QLE2560 and dual-port QLE2562 FC HBAs offer next-generation 8GB Fibre Channel technology to meet the business requirements of enterprise data centers. Acer HBA Key Features: Fibre Channel 8GB to PCI Express x8 1600/3200 Mbps (full duplex) 200,000 initiator and target IOPS per port StarPower technology

Dynamic Virtualization

Our FC HBAs offer multiple logical (virtual) connections that share the same physical port. That arrangement enhances security, Quality of Service (QoS) and dynamic provisioning, with each logical connection having its own resources and the ability to be managed independently.

Optimized Management

Our new-generation 8GB FC HBAs are backward compatible with 4GB and 2GB speeds. A single, common driver per operating system for the three generations of speed simplifies deployment. QLogic's unified driver model, in which the firmware is embedded in the driver, eliminates potential interoperability issues between firmware and driver versions. API compatibility with 4GB products accelerates deployment and ensures application compatibility.

Adaptive Power Efficiency

QLogic StarPower technology ensures power efficiency and offers dynamic and adaptive power management features. Those features include power and bandwidth optimization, intelligent PCI Express link training, low-power switching power supplies, and a thermally efficient layout.

Robust investment protection

For years, QLogic and Acer have been technology partners, providing products that address both current and future needs and support emerging technologies and standards. Together, their integrated solutions offer a robust, flexible product portfolio to address your key commercial needs.



Hard Disk Drives

Acer Hard Disk Drives deliver top reliability, flexibility, performance and technologies to enterprise customers. Offering both 2.5 and 3.5 form factors in three drive types SATA, SAS and SSD Acer servers with certified HDDs will protect your information assets. Acers Current HDD Offerings: Enterprise 2.5 SAS (Serial Attached SCSI) drives are 70 smaller than 3.5 drives and consume 50 less power than traditional 3.5 drives, yet they offer twice the bandwidth with incredibly high reliability standards. These drives are perfect for high-performance enterprise servers and storage arrays running transaction-intensive OLTP and database applications. Enterprise 2.5 and 3.5 SATA (Serial ATA) drives are also called nearline drives. They offer the highest capacities in the industry and are built for enterprise-class nearline applications. Good for business-critical enterprise applications, this line has the best price-to-performance ratio among all enterprise storage solutions. Featuring a high-reliability (1.2 million hours MTBF) and multispindle design, these storage drives are perfect for use in data-hungry applications needing better-than-average data security. 3.5 SATA II (Serial ATA) drives (7,200rpm) offer the most gigabytes per dollar, use less power and provide a greater maximum capacity compared to enterprise SAS/SATA drives. These drives are ideal for large data centers, web service providers, and businesses requiring huge amounts of storage with limited budget and power allotment. Enterprise 3.5 SAS (Serial Attached SCSI) drives deliver availability and reliability via read speeds of up to 15,000rpm and seek times as low as 3.5ms. These drives reduce storage costs per gigabyte and increase capacity per watt, and they are the best choice for capacity-intensive tier 1 storage solutions. SSD (Solid State Drives) deliver higher input/output per second and throughput performance than other HDDs on the market today. Running applications 7x24x365 in nonstop environments, Acer SSDs come in a small-profile design with minimal cooling requirements and lower power consumption. Featuring low-write amplification and a unique wear-leveling design for higher reliability, Acer SSD drives not only perform better but also last longer than other SSDs on the market today. All Acer drives are carefully tested and validated on Acer servers. Using Acer-qualified drives will ensure a longer server lifecycle and higher data availability.

Flexibility to Grow

Acer HDDs utilize the latest, most respected technologies in the enterprise internal storage industry to meet the needs of tomorrows business applications. The wealth of Acers HDD choices gives our customers the flexibility to pick the best solution for their needs: SATA II drives are power saving and eco-friendly, ideal for large-scale data centers, while enterprise SATA drives deliver performance and reliability for mission-critical enterprise applications. SAS drives offer optimal data reliability and performance for processing-intensive computing environments. SSDs, with their long-lasting lifecycle and superb performance, are suitable for high-speed transmission and tough environments.

Green Sustainability

Acer HDDs offer more than lower energy consumption and better, more reliable performance. Acer also focuses on using recyclable materials and offering component/system recycling programs. Acer has high standards for its Hazardous Substance Free (HSF) Plan. We are committed to prohibiting the use of PVCs, BFRs and phthalates in all Acer products from 2009 on, without detrimentally influencing the quality, safety or reliability of new products. Acer provides only products that do not endanger human health or pose negative environmental impact.



InfiniBand™ HCA

A network fabric interconnect based on InfiniBand technology, our host channel adapters provide a computer with port connections to other InfiniBand devices (another HCA, a target device or an InfiniBand switched fabric). Used in HPC and enterprise data centers, InfiniBand provides high throughput, low latency, QoS and failover. Feature highlights Single/dual 40Gb/s InfiniBand port, or 10Gb/s Ethernet port CPU offload of transport operations End-to-end QoS and congestion control Hardware-based I/O virtualization TCP/UDP/IP stateless offload Full support for Intel I/OAT

High-Speed Server Blade Solution

The InfiniBand mezzanine card solution for Acers server blades delivers low latency and high bandwidth for performance-driven server and storage clustering applications in enterprise data centers, high-performance computing and embedded environments.

Simplification Through Blade Integration

The InfiniBand host controller adapter (HCA) simplifies network deployment by consolidating clustering, communications, storage and management I/O, and by enhancing performance in virtualized server environments. In addition to this outstanding InfiniBand capability, the HCA can be configured alternatively as a 10Gb Ethernet NIC (network interface controller), 10Gb pass-through module or 10Gbps Ethernet switch.

Performance-Driven Enhancements

Clustered databases, parallelized applications, transactional services and high-performance embedded I/O applications will achieve significant performance improvements, resulting in faster completion time and lower cost per operation.



LAN Adapters

Acer offers a wide range of Intel Ethernet network adapters for top-of-the-line responsiveness. These high-performing network cards offer bandwidth from 10/100Mbps to 10Gbps with both copper and Fibre Channel connectivity. With Base-T to SFP+, Acers LAN card options allow users to connect to networks over a wide range of distances, from 1 meter to 10 kilometers, and are available in single-, dual- and quad-port configurations. Acer LAN Adapter Values and Benefits: Reliable Performance Broad OS support Designed for multicore processors Low-latency Ethernet Best Choice for Virtualization Intel Virtualization Technology for Connectivity1 Leader in virtual system scalability Broad VM support (VMWare ESX, Microsoft Hyper-V and Xen) Unified Networking Fibre Channel over Ethernet iSCSI with trusted, native OS support Support for data center bridging with lossless Ethernet

Performance and Reliability

Our lineup of Intel Ethernet network adapters is backed by the reputation of Intel for high-quality high technology, and each carries a limited lifetime warranty. All of these cards are qualified and certified for optimal performance with Acers server systems.

Easy Installation and Management

Each adapter comes with the Intel PROSet for Windows Device Manager and other tools offering advanced adapter features, connection teaming and even VLANs. These simple and integrated tools conveniently manage and troubleshoot Ethernet connections in both server and client computers. In sum, the key benefits are: Convenient access to the Intel PROSet utility, now integrated into Windows Device Manager Simple, integrated tools to make it easy to manage and troubleshoot Ethernet connections in both servers and client computers Support for multivendor teaming for adapter compatibility with most onboard connections



Microsoft Reseller Option Kit

Acer, together with Microsoft, delivers enterprise-level server software solutions boasting outstanding quality and reliability to those who demand smooth fulfillment and deployment processes. Acers combined efforts with Microsoft engineering teams, plus rigorous validation process and high compatibility standards, ensure interoperability and superb performance of the products. Acer and Microsoft are going the extra mile to bring you the best of server system and software solutions. The Reseller Option Kit (ROK)¹ is a software distribution option that offers tuned and certified Microsoft server software separately from Acer servers. Each ROK is another server option, like memory or hard drives. It is a cost-effective, install-ready kit for easy deployment of Microsoft Server operating systems on Acer servers. Benefits to End Customers: A quick fulfillment process in place to secure prompt delivery with software right in the Acer server (one call, one order, one shipment) Convenient as a one-stop shop for both resellers and end-customers getting both hardware and software all in one place A better overall user experience with ready-to-use servers that are quick and reduce support needs Cost-effective procurement with single-window purchase and ready-to-install capability, translating to reduced procurement costs while saving time Whats in the ROK with Acer Server: Distribution Agreement Documentation Seal Label (outlining returns, warranty terms, etc.) Microsoft Windows OS CD COA Label

Purchasing Convenience and Flexibility

ROK is a fast and easy way to purchase server products like RAM, hard drives or processors from your OEM distributor. Simply purchase the install-ready software kit as you would any other server option.

Fast and Easy Deployment

Get software that has been tested, tuned and certified for the Acer server. The distributor ships the ROK in the box with the server or separately. (The distributor may also preinstall the software for a fee.) The reseller installs the operating system and the Windows COA before delivering the new server to the end user.

Single-Source Support

In addition to the service support from Acers authorized resellers, the customer need call only one source for both software and hardware service solution needs. Reseller Option Kits Are Available for: Windows Server 2008 R2 Enterprise Windows Server 2008 R2 Standard Windows Server 2008 R2 Datacenter Windows Server 2008 R2 Web Windows Server 2008 R2 Foundation Windows HPC Server 2008 R2 Windows Small Business Server



Power Supply Units

Each Acer power supply unit (PSU) complies with industry-recognized compliance standards, including the Climate Savers Computing Initiative and 80 Plus. This ensures high reliability and improved power delivery whether the server is installed in a branch office or a large data center. Key Benefits: High power efficiency 80 Plus certified; some PSUs are certified at Platinum level (94) Redundant, toolless and hot-pluggable design Solid mechanical design ensuring smooth airflow and low system temperature

Certified Energy-Saving Efficiency

Acer PSUs generate significant energy savings and low carbon dioxide output, delivering up to 94 power efficiency the highest in the IT industry. Reduced maintenance costs and electricity consumption translate to longer server life, higher ROI and lower TCO.

Solid Mechanical Design

The toolless design with hot-pluggable capability of our PSUs expedites servicing, so a unit can be replaced or added in seconds without having to power-down the server. The ergonomic handle bar makes removing or adding a unit effortless, and the snap-in mechanical design makes for quick and easy installs.

Optimized Thermal Performance

All Acer servers undergo extensive testing and come with a PSU of the correct size and wattage to maximize power efficiency and overall system thermal performance. For example, a typical 2U server with redundant 93 high-efficiency Gold-level power supplies and an optimized thermal system will deliver up to 30 higher performance per watt than did previous generations.

Intelligent Power Infrastructure

The automatic power-switching mode detects power loads between each installed PSU. Blade server PSUs include a power management module that monitors both the power supplies and enclosure. All Acer PSUs adopt the PMBus and I2C standards for system remote monitoring, making systems interoperable and reducing design complexity for better data integrity and packet error checking. Acer PSUs range from 300W fixed for single-processor tower servers to 2500W 3+1 redundant for blade servers. Power cords are individually tested and certified to meet region- or country-specific requirements.



Processors

Acer offers top-brand energy-efficient processors with superior performance for its servers. Featuring top names such as Intel Xeon and AMD Opteron processors, our server lineup provides optimum reliability and scalability and fit a wide range of Acer server customers who demand the best performance. Key Processor Benefits: Up to 6 or 12 processing cores and larger L2/L3 cache memory available Features low-watt, high-frequency processors for energy-efficient, high-speed transfers Supports I/O level virtualization to improve I/O performance Built on newer 32/45nm processor technology for advanced performance

AMD Opteron® Processors

Acer servers with AMD processors deliver unprecedented computing performance for intensive scientific and financial applications. Scalable solutions, such as those operating on the low power-per-core AMD Opteron 4000 Series platform, offer great performance with less energy consumption. Acer servers with the AMD Opteron 6000 Series platform offer the industry's only 12-core x86 processors. Built with exceptional features that excel when the workload gets tough, these processors offer the unique capabilities of Direct Connect Architecture 2.0, AMD CoolCore and AMD PowerNow!. Acer servers with AMD processors lower total cost of ownership and ensure generational consistency.

Intel® Xeon® Series Processors

Acer servers with Intel processors are designed for intelligent performance and smart energy efficiency. Built-in hardware-assisted Intel Virtualization Technology FlexMigration gives customers the power and flexibility to migrate workloads to a few servers to save energy and money. Acer servers with Intel Xeon 5000 Series Processors automatically regulate power consumption and intelligently adjust server performance according to application requirements. Acer servers with Intel Xeon 3400 Series Processors deliver dependability along with productivity for businesses running 24/7. Acer also offers low-power processor options and support for low-voltage DDR3 memory for energy- and cost-sensitive business environments. In addition, Acer delivers the flexibility to place Intel and AMD processors on different nodes in the same chassis. 1 Acer even offers different processors in different nodes in the same enclosure for improved virtualization, enhancing management efficiency and the IT infrastructure.



Rack Rails and Cable Arms

Acer's toolless¹ sliding rack rails and cable management arms² (CMA) are made with sturdy materials by tier-one rack accessory leaders and are designed to be ultra stable, smooth gliding and silent. Opening and closing with just a soft push or pull, the rails make light work of accessing server racks, and therefore last a very long time. The enhanced design provides a complete rack solution for enterprise-level environments in need of quick, easy access for server installation and servicing.

Efficient Designs for Easy Service

A front-mounted clip-on mechanism secures the server to the rack and instantly releases for easy access. Whether servers are 1U, 2U or rack-mountable towers, handy clip-on convenience reduces service time and quickens installation and system upgrades. The CMA eliminates cable stress and maintains a neat, organized cable layout, all within the racks enclosure. This makes servicing more efficient and increases uptime.

Smart Sizing and Airflow

Designed to fit a wide variety of the most popular rack cabinets, Acer rail and CMA designs include a drawer width allowance of +0.5/-1mm and a drawer depth allowance of +1/-1mm. Easing installations, the snap-in rail design is found throughout all Acer servers. Both rack rails and CMA have unobstructed central air plenums to ensure superior ventilation for 22U, 36U and 44U sizes. Plus, Acer 1U and 2U CMAs are compact and fully adjustable to avoid obstructions and improve airflow.

Customizable and Environmentally Friendly

Acer's server rack accessories from tier-one leaders deliver long-lasting rails and cable management arms for customers demanding the best quality available. Featuring environmentally friendly designs complying with green regulations, these server rack solutions can be tailored to exactly fit customers unique IT facility needs.



RAID Cards

A key element in our quest to provide the best of server systems and server options together is our RAID lineup. Acers add-on RAID card options offer premium functions and technologies for I/O performance that go far beyond creating RAID data storage.

Much More Than Just RAID

Our RAID card options include 4 to 16 hard drives on a single controller, seamless SAS/SATA support, RAID level-up configuration through RAID 6+0, and up to a whopping 512MB of on-card cache for speedy performance. Add-on support extends to the latest SSD drives, up to 6GB/s in bandwidth, and a robust solution worthy of the name enterprise-class storage.

Enterprise-Class Performance

Acer teams with RAID industry leader LSI Corporation to deliver enterprise-class RAID functionality to customers who demand the best storage performance available. These RAID solutions and Acers multiple server models can be tailored to each customers needs for fault tolerance, throughput IOPS performance and data management.

Intuitive RAID Management Utility

LSIs MegaRAID Management Suite provides software tools essential for efficiently managing MegaRAID products, whether deployed in an enterprise or a small business. LSIs collection of applications and tools includes a preboot setup utility and a full spectrum of online RAID management utilities. This new suite of applications lets administrators adjust the SAS topology view from the system host, controller and disk enclosure down to the logical and physical drive level. Extended to enterprise deployments, these tools scale to easily configure, monitor and manage RAID volumes locally over the LAN network.

Optional Battery Backup Support

Acer and LSI offer a unique battery backup unit (BBU) designed to ensure data safety with any caching policy. The optional BBU ensures that data on the RAID cards cache memory is retained even in the event of a total power failure when using writeback caching policy. The module is automatically charged and communicates battery status directly to the host system.



Smart Server Management

Acer offers a collection of management utilities designed to help small and medium businesses save time in server deployment through easing server management. By monitoring multiple Acer servers simultaneously through remote server access monitoring, you're saving money while increasing overall server system performance.

Smarter Control of Your IT Environment

Designed from the ground up for managing Acer servers, Acer Smart Setup eases IT operations and maintenance ensuring rapid and easy deployments. Acer Smart Server Console allows for remote monitoring and iKVM control to relieve on-site needs. And Acer Smart Server Manager is able to monitor up to 250 physical and virtual devices on a single network. Together, these software solutions offer an intuitive wizard for setting up a single server, proactive SNMP and e-mail alerts, OS in-bound and out-of-bound management, and remote console control of individual machines. This SMB server management solution decreases management, maintenance and deployment costs and is provided absolutely free.¹

Acer Smart Setup: Effective and Efficient

Whether setting up different RAID groups or using BMC (Baseboard Management Control), the Acer Smart Setup's unified interface guides administrators quickly through new server configuration and deployment processes in just a few clicks. Acer Smart Setup automatically detects hardware components to retrieve proper drivers and intelligently configures from either Windows or Linux operating systems.

Acer Smart Server Console: Anywhere Server Management

Acer Smart Server Console is a built-in system utility located on the onboard BMC of most Acer servers. The utility offers an intuitive interface, which remotely takes control of the system through iKVM functionality. This feature provides out-of-band management regardless of OS status, providing flexibility while away or while in different system settings. Proactive remote alerts via SNMP traps or e-mail can also be set to ensure that IT professionals are always on top of system status.

Acer Smart Server Manager: Lower TCO and Higher ROI

Acer Smart Server Manager (ASSM) offers all the functionality of Acer Smart Server Console, plus additional features and the capability to manage up to 250 physical and virtual devices at the same time. ASSM is the perfect window through which IT administrators can keep an eye on e-mail alerts, SNMP trap collection and configuration, management for server hardware, OS, and virtual machines, as well as enabling connectivity to server-specific interfaces. Additionally, ASSM is the only management software that is 100 agentless meaning no extra software installation is needed for monitored systems. This powerful utility offers management and alert monitoring for almost any scenario.

