



AT350 F1

The AT350 F1 is a dual-socket rack-mountable tower server that delivers exceptional performance, availability, expansion capability, and flexibility. This ultra-dense 4U server is a power-efficient solution for medium-sized enterprise operations, including departments and branch offices.

Uninterrupted, solid computing

The AT350 F1 delivers 6-core performance with the latest Intel® Xeon® processors along with DDR3 memory for high-speed, memory-intensive and multi-threaded operations. What's more, 1+1 redundant Gold-level PSUs and redundant, hot-pluggable system fans secure your system uptime for increased productivity.

Superior flexibility for your growing business

Hot-pluggable HDDs, PCIe® 2.0 expansion slots including Acer Flex I/O, and up to 18 DIMM slots with Mirroring and Lock-step modes allow scale-up business flexibility. This server is complemented by a built-in 6-channel SATA HDD with software RAID 0, 1, 5, or 10 for dependable data security, while Intel® Trusted Execution Technology blocks virtual machine hacking.

Proactive management for seamless multitasking

This server offers easy-to-use management utilities: Acer Smart Setup for rapid system configuration, Acer Smart Server Manager for collaborative data administration, and Acer Smart Console for system health monitoring, alert notification, and KVM-over-IP remote management.

Manageable serviceability, energy-saving operation

The tool-less chassis design of the AT350 F1 makes component access effortless, reducing maintenance and service costs. To top it off, this tower server boasts 80 PLUS® power efficiency for eco-consciousness.

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Specifications



Mainboard

Processor type	2 x Intel® Xeon® processors 5500/5600 series		
Available processor	Intel® Xeon® processors (Six-core)	(Quad-core)	
	<ul style="list-style-type: none"> X5650/X5670: 12MB L3 	<ul style="list-style-type: none"> E5620: 12 MB L3 E5506: 4 MB L3 	
Chipset	Intel® 5520 chipset		
Graphics	BMC with embedded 16 MB video memory		
Memory	18 x registered memory DIMMs with Mirroring and Lock-step modes Registered DIMM size: 1/2/4/8 ¹ /16 ¹ GB		
Expansion slots	<ul style="list-style-type: none"> 2 x PCIe® 2.0 x8 (x16 connector) 2 x PCIe® 2.0 x4 (x8 connector) 	<ul style="list-style-type: none"> PCIe® 1.0 x4 (x8 connector) Flex I/O Slot (RAID Controller) 	
Onboard ports	<ul style="list-style-type: none"> 1 x PS/2 port (keyboard) 1 x PS/2 port (mouse) 2 x Gigabit LAN ports (RJ-45) 1 x Management port (RJ-45) 	<ul style="list-style-type: none"> 1 x VGA port 1 x Serial port 2 x USB 2.0 ports (Front) 4 x USB 2.0 ports (Rear) 	
RAID²	Integrated Intel® ICH10R Serial ATA host controller (6 x 3 Gb/s SATA ports)		
	<ul style="list-style-type: none"> RAID 0, 1, 5, 10 support³ 		
SAS	Optional 8-port SAS RAID card		
LAN controller	Dual-port Intel® 82576EB Gigabit Ethernet controller		

Security and service features

HDD mechanical lock	Power-on password	Administrator/user password
Chassis intrusion alert	Setup password	Device boot control

Sub-system availability

Power supply	2 x 720 W 80 PLUS® Gold-level easy-swap power supply units (1+1 redundant)		
System cooling	2 x CPU heat sinks, supporting Intel® Xeon® processors with TDP up to 95 W 2 x Rear system fans with PWM control (1+1 redundant, hot-pluggable) 3 x Middle system fans with PWM control (2+1 redundant, hot-pluggable)		
Storage	Up to 4.8 TB SAS (8 x 600 GB 3.5" hot-pluggable HDDs)	Up to 16 TB SATA (8 x 2 TB 3.5" hot-pluggable HDDs)	
	<ul style="list-style-type: none"> 3.5" SAS 15K RPM HDD capacity: 300/450/600 GB 	<ul style="list-style-type: none"> 3.5" SATA 7.2K RPM HDD capacity: 250/500GB, 1/2 TB 	

Chassis

Form factor	Tower	4U rack-mountable
Removable media bays	3 x 5.25" Bays (1 x used by SATA DVD-Super Multi optical drive)	
Dimensions	434 (W) x 648 (D) x 178 (H) mm (17.2 x 25.5 x 7 inches) with bezel	
Weight	28.5 kg (62.81 lbs.)	

OS support

Windows Server® 2008	Red Hat® Enterprise Linux® 5.4	VMware ESXi™ 4
Windows Server® 2008 R2	Novell® SUSE® Linux® Enterprise Server 11	VMware ESX™ 4
Windows Server® 2003		

Server management

Acer Smart Setup	Acer Smart Console
Acer Smart Server Manager	<ul style="list-style-type: none"> Supports base board management, KVM-over-IP and media redirection

Warranty

3-year Next Business Day Onsite standard warranty or choose from extended warranties⁵

Regulatory compliance

Emissions classification (EMC)	FCC (Class A)	CE	BSMI (Class A)
Industry standard compliance / safety	(UL/cUL)	CB	

1. 8 GB and 16 GB memory availability may vary.
 2. Onboard SATA software RAID cannot be enabled when add-on SAS RAID is enabled.
 3. Integrated Serial ATA RAID supports different RAID levels and different operating systems: RAID 0, 1, 5, 10 support for Windows® and RAID 0, 1, 10 support for Linux® only.
 4. Onboard RAID support varies by RAID type.
 Intel® onboard RAID supports RAID 0, 1, 5, 10 for Windows® OS.
 Adaptec onboard RAID supports RAID 0, 1, 10 for Red Hat® and SUSE® Linux® OS.
 5. Extension warranty services may vary. Please contact Acer authorised resellers for more information.