

AR380 F1

Specifications

Mainboard

Processor	• Single or Dual Intel® Xeon® 5500 Series processors		
Cache	Intel® Xeon® processors: • X5570/X5560/X5550/E5540/E5530/E5520/L5530/L5520: 8 MB L3 • E5502: 4 MB L3 • E5506/E5504/L5506: 4 MB L3		
Chipset	Intel® 5520 Chipset		
Graphics	BMC embedded • 1280 x 1024 • 16 million colors • 16 MB video memory		
Memory²	Registered DIMM: 1/2/4/8/16 GB Unbuffered ECC DIMM: 1/2/4/8 GB • Up to 192 GB, using registered DIMMs when fully populated with 2 DIMMs per channel, 18 slots • Up to 144 GB, using unbuffered DIMMs when fully populated with 2 DIMMs per channel, 18 slots		
Storage	Up to six 3.5" SAS/SATA HDDs or sixteen 2.5" SAS/SATA HDDs 3.5" SAS 15,000 RPM HDD capacity: 146/300/450/600 GB 2.5" SAS 10,000/15,000 RPM HDD capacity: 73/146/300 GB 3.5" SATA 7,200 RPM HDD capacity: 250/320/500/750/1,000 GB 2.5" SATA 7,200/10,000 RPM HDD capacity: 150/300/500 GB		
Expansion slots	Full-height riser slots: Six PCIe® x8 slot Flex I/O x8 slot Front: • Two USB 2.0 ports • One VGA ports		
Onboard I/O	Rear: • Two USB 2.0 ports • Two PS/2 ports (keyboard and mouse) • Dedicated IPMI LAN port • ID button/LED • Serial port • VGA port • Four Gigabit LAN ports		
Removable media bays	Slim-line SATA DVD Super Multi		
RAID³	Integrated SAS RAID add-on card with 256MB cache support RAID level 0, 1, 5, 6, 10		
LAN controller	Intel® 82576EB Gigabit Ethernet Controller (quad ports)		

Security and service features

HDD carrier mechanical lock	Administrator/user password	Keyboard password	Setup password
Removable device boot control	Serial interface control	TPM on board (TPM v1.2 Compliant)	

Sub-system availability

Power supply	1+1 Redundant 720 W 80+ Gold level (93% efficiency) hot-swap power supply (2nd power supply is an option)
System cooling³	Two CPU heat sinks, supporting Intel® Xeon® processors with up to TDP 95 W N+1 redundant hot-plug system fans

Chassis

Form factor	2U rack mountable
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OS support

Windows Server® 2008 Windows Server® 2003 R2 SUSE® Linux® Enterprise Server 11	Windows Server® 2008 R2 Red Hat® Enterprise Linux® 5.4 ³ VMware ESXi™ 4
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Server management utilities and applications

Acer Smart Console BIOS Update tool for DOS Integrated Management Log	Acer Smart Server Manager Automatic Server Recovery (ASR) OS and Linux	Acer Smart Setup Front and Rear Unit ID (UID) button/LED IPMI Firmware Update tool supporting DOS and Windows
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Regulatory compliance

Emissions classification (EMC)	FCC (Class A)	CE (Class A)	BSMI (Class A)
Industry standard compliance / safety	UL/cUL	CB	Nemko/GS
Warranty	3 years spare parts and labour, 5x8, NBD onsite service (within 50M from Acer Service Center) ⁴		



1. 8/16 GB support is available upon request.
2. Mixed use of registered memory and unbuffered ECC memory not supported

3. Testing based on Red Hat Enterprise Linux 5.3, but certified with Red Hat Enterprise Linux 5.4.
4. For Extension warranty services. Please contact Acer Service Center for more information.

In a continuing effort to improve the quality of our products, information in this document is subject to change without notice. Images appearing are only representations of some of the configurations available for this model.

Availability may vary depending on region.

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- 1 Eighteen ECC DDR3 1066/1333 MHz registered or unbuffered DIMMs
- 2 Two Intel® Xeon® 5500 Series processors
- 3 1+1 Redundant 720 W 80+ Gold level hot-swap power supply
- 4 N+1 redundant hot-plug system fans
- 5 Six PCI Express x8 connector, One Flex I/O x8

About Acer

Since its founding in 1976, Acer has pursued the goal of breaking the barriers between people and technology. Globally, Acer ranks top 3 for total PCs and No. 2 for notebooks, with the fastest growth among the top-five players. A profitable and sustainable Channel Business Model is instrumental to Acer's continued growth, while the successful acquisitions of Gateway and Packard Bell complete the company's global footprint by strengthening its presence in the U.S. and enhancing its strong position in Europe. Acer is proud to be a Worldwide Partner of the Olympic Movement in staging the Vancouver 2010 Olympic Winter and London 2012 Olympic Games. The Acer Group employs more than 6,000 people worldwide. 2008 revenues reached US\$16.65 billion. See www.acer-group.com for more information.

