

Altos | R

R360 F2

The Altos R360 F2 dual-socket server delivers excellent performance, availability and expansion capability in a spacesaving design. This server is perfect for dense computing with a large memory footprint and virtualization, as well as dedicated tasks requiring maximum compute and I/O performance. With advanced management and reliability features, this 1U rack server is optimized for enterprise-level operations in departments and branch offices.

Extreme expandability

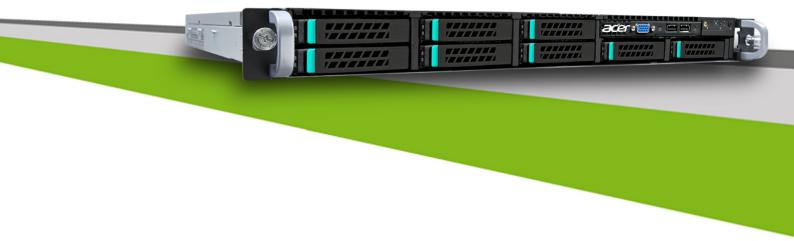
With support for up to two Intel[®] Xeon[®] E5 v2 processors, twenty-four DDR3 memory slots, up to eight 2.5" hard drives, two PCIe 3.0 slots, and optional redundant 750 W power supplies, the R360 F2 can be configured for any enterprise or high-performance application.

Energy-saving technology

As with all Acer rack servers, the Altos R360 F2 uses only 80 PLUS certified power supplies. This server is equipped with up to two 750 W 80 PLUS Platinum-level power supplies, low-voltage memory modules, and the latest power-saving chipset technology to deliver maximum performance with minimum power-draw.

Robust I/O expandability

Qualified to work in any environment, the Altos R360 F2 is tested to work with gigabit and 10 gigabit Ethernet connections, fibre channel, and even high-performance InfiniBand[™] at both QDR and FDR levels. Plus, the optional I/O modules can be equipped for dedicated iKVM remote management or additional LAN connectivity, saving valuable PCIe expansion. With 80 PCIe 3.0 lanes of bandwidth, the Altos R360 F2 will keep up in any high-performance scenario.



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Mainboard	Processor type	Up to 2 x Intel [®] Xeon [®] E5-2600 v2 series			
	Chipset	Intel [®] C602 chipset			
	Graphics	BMC embedded controller:			
	Memory ^{1,2,3}	 128 MB shared video memory, 16 MB dedicated Up to 24 x 1866/1600/1333/1066 MHz DDR3 registered/unbuffered ECC memory 			
	Memory	Registered DIMM size: 2/4/8/16/32 GB			
		Up to 768 GB registered DDR3 DI		24 slots	
		Unbuffered DIMM size: 2/4/8 GB Up to 128 GB unbuffered DDR3 DIMMs when populated, 16 slots			
	Expansion slots	2 x PCle [®] 3.0 x16 slots			
		2 x I/O expansion (PCle [®] 3.0) for management, RAID and interconnect modules			
	Onboard ports	orts Front: LED indicators : power, HDD activity, LAN 2 x USB 2.0 ports⁴ Video port5 Rear: 			
		• 4 x Gigabit LAN ports (RJ-45)		• Serial LAN port (RJ-45)	
		Management through port o	ne	3 x USB ports	
		Optional Dedicated Management	port (RJ-45)	Video port	
		System ID LED		Optional 10 GB Ethernet dual-port module	
	SAS RAID	Intel [®] RSTe RAID 0/1/10/5 for SATA r			
		Intel [®] ESRT2 RAID 0/1/10 for SAS/SA			
	LAN controller	1x Intel [®] I350 Quad-port 1 Gb Ethern			
Security and service		Chassis intrusion alert Administrator/user password	Device boot contro Power-on passwor		
features		Setup password			
	Power supply	2 x 750 W 80 PLUS [®] platinum-level efficiency, easy-swap power supply units (hot-swappable)			
Sub-system	System cooling	N+1 redundant high-power system fans			
availability Storage Up to 8 x 2.5" hot-swappable HDDs					
		Up to 4 x 3.5" hot-swappable HDDs			
Chassis OS support	Form factor	1U rack optimized $428(M) \times 640.4(D) \times 42.2 mm (H) (17)$	2 x 25 2 x 1 70 in the		
	Dimensions Weight	438 (W) x 640.4 (D) x 43.2 mm (H) (17.2 x 25.2 x 1.70 inches) 35 kg (77 lbs.) maximum (all component slots and sockets fully populated)			
	weight	Microsoft® Windows Server® 2012 R2 Red Hat® Enterprise Linux® 6			
		Microsoft [®] Windows Server [®] 2012		Red Hat [®] Enterprise Linux [®] 5	
		Microsoft [®] Windows Server [®] 2008 R2		VMware ESXi [™] 5.0	
		Microsoft [®] Windows Server [®] 2008		Citrix XenServer [®] 6	
		SUSE [®] Linux [®] Enterprise Server 11			
Server management		Acer Smart Server Manager			
utilities and		Acer Smart Setup Acer Smart Console			
applications		Optional iKVM module via Intel [®] Rem	ote Management Mod	lule	
Warranty	3-year standard warranty	or choose extended warranties and serv			
Regulatory compliance	Emissions classification	FCC (Class A)	CE (Class A)	BSMI (Class A)	
	(EMC)				
	Industry standard	MET	СВ	Nemko GS	
-	compliance / safety				

1. Mixed use of registered memory and unbuffered ECC memory not supported.

2. 16 GB and 32 GB memory availability may vary by region. 32 GB Quad-rank LRDIMMs are required for full 768 GB memory support.

3. Intel® Xeon® E5-2600 v2 series processors required for speeds of 1866 MHz.

4. Not available with 24 x 2.5" HDD configuration.

5. Extended warranty services may vary by country. Please contact your Acer authorized reseller for more information.

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