

# Altos | R

## R360 F2

The Altos R360 F2 dual-socket server delivers excellent performance, availability and expansion capability in a space-saving 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.





<b>Mainboard</b>	Processor type	Up to 2 x Intel® Xeon® E5-2600 v2 series		
	Chipset	Intel® C602 chipset		
	Graphics	BMC embedded controller: <ul style="list-style-type: none"> <li>128 MB shared video memory, 16 MB dedicated</li> </ul>		
	Memory <sup>1,2,3</sup>	Up to 24 x 1866/1600/1333/1066 MHz DDR3 registered/unbuffered ECC memory Registered DIMM size: 2/4/8/16/32 GB <ul style="list-style-type: none"> <li>Up to 768 GB registered DDR3 DIMMs when populated, 24 slots</li> </ul> Unbuffered DIMM size: 2/4/8 GB <ul style="list-style-type: none"> <li>Up to 128 GB unbuffered DDR3 DIMMs when populated, 16 slots</li> </ul>		
Expansion slots	2 x PCIe® 3.0 x8 slots 2 x I/O expansion (PCIe® 3.0) for management, RAID and interconnect modules			
Onboard ports	Front: <ul style="list-style-type: none"> <li>LED indicators : power, HDD activity, LAN</li> <li>2 x USB 2.0 ports<sup>4</sup></li> <li>Video port<sup>5</sup></li> </ul> Rear: <ul style="list-style-type: none"> <li>4 x Gigabit LAN ports (RJ-45)                             <ul style="list-style-type: none"> <li>Management through port one</li> </ul> </li> <li>Optional Dedicated Management port (RJ-45)</li> <li>System ID LED</li> <li>Serial LAN port (RJ-45)</li> <li>3 x USB ports</li> <li>Video port</li> <li>Optional 10 GB Ethernet dual-port module</li> </ul>			
SAS RAID	Intel® RSTe RAID 0/1/10/5 for SATA mode Intel® ESRT2 RAID 0/1/10 for SAS/SATA mode			
LAN controller	1x Intel® I350 Quad-port 1 Gb Ethernet controller			
<b>Security and service Features</b>	Chassis intrusion alert	Device boot control	Optional TPM (v1.2-compliant)	
	Administrator/user password	Power-on password	Setup password	
<b>Sub-system availability</b>	Power supply	2 x 750 W 80 PLUS® platinum-level efficiency, easy-swap power supply units (hot-swappable)		
	System cooling	N+1 redundant high-power system fans		
	Storage	Up to 8 x 2.5" hot-swappable HDDs Up to 4 x 3.5" hot-swappable HDDs		
<b>Chassis</b>	Form factor	1U rack optimized		
	Dimensions	438 (W) x 640.4 (D) x 43.2 mm (H) (17.2 x 25.2 x 1.70 inches)		
	Weight	35 kg (77 lbs.) maximum (all component slots and sockets fully populated)		
<b>OS support</b>		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		
<b>Server management utilities and applications</b>		Acer Smart Server Manager Acer Smart Setup Acer Smart Console Optional iKVM module via Intel® Remote Management Module		
<b>Warranty</b>	3-year standard warranty or choose extended warranties and services <sup>5</sup>			
<b>Regulatory compliance</b>	Emissions classification (EMC)	FCC (Class A)	CE (Class A)	BSMI (Class A)
	Industry standard compliance / safety	MET	CB	Nemko GS

- Mixed use of registered memory and unbuffered ECC memory not supported.
- 16 GB and 32 GB memory availability may vary by region. 32 GB Quad-rank LRDIMMs are required for full 768 GB memory support.
- Intel® Xeon® E5-2600 v2 series processors required for speeds of 1866 MHz.
- Not available with 24 x 2.5" HDD configuration.
- Extended warranty services may vary by country. Please contact your Acer authorized reseller for more information.

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