

Altos | R

R360 F3

The Altos R360 F3 is a robust two-socket 1U system that is ideal for almost any application. This dynamic system can function as a head node or used for virtualization purposes for your HPC (High-Performance Computing) and technical computing environments. Extremely powerful and highly efficient, this system functions as the core for your most demanding data-center needs.

Extremely powerful

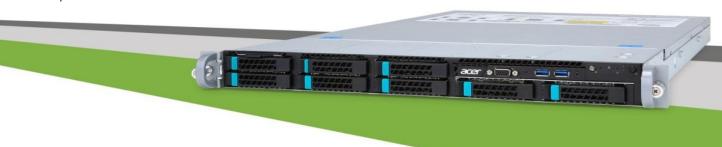
The R360 F3 supports up to two Intel[®] Xeon[®] E5-2600 v3 product family processors, and high-performance DDR4 memory occupying twenty-four DIMM slots. Storage options include up to four 3.5" or eight 2.5" front-accessible, hot-swap hard drives. Hard drives can be configured in 12Gb/s SAS RAID and SAS HBA for increased performance and data availability. In its 1U form factor, it packs the same computing power in half the space when compared to a 2U system.

Highly efficient

As with all Acer rack servers, the R360 F3 uses only 80 PLUS-certified power supplies. This server can be equipped with up to two 750 W 80 PLUS Platinum-level power supplies. Combine this with Load Reduced DIMM memory modules and the latest power-saving chipset technologies, this system delivers maximum performance with minimum power-draw. Six, dual-rotor system fans keep the system running cool at all times.

Flexible and robust I/O

Qualified to work in any environment, this system has dual 10 Gigabit or Gigabit Ethernet connectors onboard. It also has up to 2 PCle 3.0 slots. In addition, dedicated I/O module and SAS module slots save customers valuable PCle expansion. Users can rest assured the R360 F3 will keep up in any high-performance scenario.



Altos R360 F3 SPECIFICATIONS





	Processor type	Un to 2 x Intel® Xec	n [®] E5-2600 v3 series			
	Chipset	Intel® C612 chipset				
	Graphics	·				
Mainboard	Graphics	 Integrated 2D video controller 16 MB DDR3 memory 				
	Memory	Memory type Capacities	Registered / Load Reduced DDF 8 / 16 GB DIMMs Registered	24 ECC memory		
		50444	32 GB DIMMs Load Reduced			
		DIMM number	24 7606B (LBB)(AAA) 2046B (BE	318.48.43		
	Francisco alaba	Max memory 768GB (LRDIMM) or 384 GB (RDIMM) • Two riser cards provide 1 x PCle® 3.0 ×16 (CPU 1) and 1 x PCle® 3.0 ×16 (CPU2)				
	Expansion slots	• 1 x I/O module expansion slot • 1 x SAS RAID module expansion slot				
	Onboard ports	Front: • LED indicators: power, HDD activity, LAN, system ID • Front VGA, 2 x USB 3.0 ports				
		Rear:				
		 2 x Gigabit or 10 	Gigabit LAN ports (RJ-45)	 Video port 		
		 Management po 	rt (RJ-45)	 3 x USB 3.0 ports 		
		 PCle expansion v 	ia riser cards	 Serial Port B (optional) 		
	SAS RAID	AS RAID Intel® ESRT2 SATA RAID 0, 1, 5, 10 (RAID 5 requires key) or				
		support only)				
	Optional hardware SAS RAID					
	LAN controller	• Dual-port Ethernet controller				
		• Intel® X540 (Dual-port 10GbE) or Intel I350 (Dual-port 1GbE)				
Security and service		• Administrator/user password • Power-on password • Setup password • Device boot control				
		 Secure command line interface (SSH) Secure browser interface (Secure socket layer - SSL support) 				
features		 Secure IPMI LAN interface (Authentication, Integrity, and Confidentiality algorithm) 				
	 1+0/1+1 redundant, hot-swappable power supply units. Two power supply options: 					
	Power supply	- 750 W 80 PLUS® Platinum-certified AC power supply				
		- 750 W 80 PLUS® Gold-certified DC power supply				
Sub-system	System cooling	Six, dual-rotor system fans keep the system running cool at all times				
availability						
•		Type: SAS / SATA / SSD with hot-plug capability				
		 Up to 4 x 3.5" or 8 x 2.5" hard drives or SSDs (with an option to replace four hard drives with four PCIe SFF/NVMe SSDs) 				
		Slim-line optical drive (optional)				
Chassis	Form factor	1U rack optimized				
	Dimensions 439 (W) x 769 (D) x 43.2 (H) mm (17.25 x 30.25 x 1.7 inches)					
OS support		Microsoft [®] Window		Red Hat [®] Enterprise Linux [®] 6.5		
		SUSE® Linux® Enterprise Server 11 SP3 VMware ESXi [™] 5.5				
	Acer Smart Server Manager					
Server management	 Embedded BMC controller with IPMI 2.0 compatibility 					
utilities and	 System ID LED buttons, System Health LED 					
applications	 Smart Console remote monitoring and optional KVM over IP management to OS level 					
	Optional Local Control Panel					
Warranty	3-year standard warranty or choose extended warranties and services ¹					
-	Emissions classification	FCC (Class A)	CE (Class A)	BSMI (Class A)	CCC	
Regulatory compliance	(EMC)	MET	СВ			
	Industry standard compliance / safety	MET	СВ			
	compliance / safety					

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

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