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R320 F3

The Altos R320 F3 single-socket server delivers great performance and enterprise-level scalability in a space-saving design. Proactive management utilities effectively handle SMB as well as enterprise business operations, including departmental and branch office needs.

Smart technology for effective computing

With support for an Intel® Xeon® E3 v3 processor, four DDR3 memory slots, up to four 3.5" or 2.5" hard drives, a PCIe slot, and redundant 450 W power supplies (350W power supply for fix power supply configuration), the Altos R320 F3 is ideal for dedicated enterprise applications or infrastructure. Flexible expansion and up to 16 TB of space for data storage satisfy the demands of your growing business.

Reliable data processing

The Altos R320 F3 is packed with dependable hardware, including an integrated Gigabit Ethernet controller for speedy and safe data transmission, and built-in 6-channel SATA with software RAID 0, 1, 5 or 10 to ensure data security.

Energy-saving components

This server is equipped with two 450W 80 PLUS Gold-level power supplies (one 350W Silver-level for fix power supply configuration), low-voltage memory modules, and the latest energy-saving chipset technology to deliver maximum performance with minimum power draw.





Mainboard	Processor type	1 x Intel® Xeon® E3-1200 v3			
	Chipset	Intel® C226 chipset(hot swap HDD sku)/ Intel® C222 chipset(Fix HDD sku)			
	Graphics	Embedded Matrox G200e controller: <ul style="list-style-type: none">16 MB dedicated memory			
	Memory ¹	4 x DIMM slots (2 DIMMs per channel) <ul style="list-style-type: none">Up to 32 GB, using unbuffered DDR3 ECC DIMMs			
	Expansion slots	1 x PCIe® 3.0 x8 (x16 connector) 1 x I/O expansion (PCIe® 3.0) for management, RAID and interconnect modules			
	Onboard ports	Front: <ul style="list-style-type: none">LED indicators: power, HDD activity, LAN2 x USB 3.0 ports Rear: <ul style="list-style-type: none">2 x Gigabit LAN ports (RJ-45)Optional Dedicated Management port (RJ-45) (Fix HDD sku doesn't support)Video portDisplay Port(Fix HDD sku doesn't support) <ul style="list-style-type: none">Serial port (DB9)2 x USB 3.0 ports2 x USB 2.0 ports			
	RAID	Intel® RSTe RAID 0/1/5/10 for SATA mode Intel® ESRT2 RAID 0/1/10 for SAS/SATA mode			
	LAN controller	2 x Intel® I210 Gigabit Ethernet controller			
Security and service features		Chassis intrusion alert	Administrator/user password	Power-on password	Setup password
		Device boot control			Optional TPM (v1.2-compliant)
Sub-system availability	Power supply	2 x 450 W 80 PLUS® efficiency, easy-swap power supply units (hot-swappable) or 1 x 350 W for fix power supply configuration			
	System cooling	Fixed system fans			
	Storage	Up to 4 x 3.5" or 2.5" hot-swappable HDDs(Fix PSU sku with fix 4 x 3.5" HDD) Optional slimline SuperMulti optical drive			
Chassis	Form factor	1U rack optimized			
	Dimensions	438 (W) x 664.9 (D) x 43.2 mm (H) (17.2 x 26.2 x 1.70 inches)			
	Weight	12.15 kg (26.7 lbs.) maximum (all component slots and sockets fully populated)			
OS support		Microsoft® Windows Server® 2012 R2		SUSE® Linux® Enterprise Server 11 SP3	
		Microsoft® Windows Server® 2012		Red Hat® Enterprise Linux® 6.4	
		Microsoft® Windows Server® 2008 R2		Red Hat® Enterprise Linux® 5.9	
Server management		Utilities and applications	Acer Smart Server Manager		
Warranty		3-year standard warranty or choose extended warranties and services ²			
Regulatory compliance	Emissions classification (EMC)	FCC (Class A)	CE (Class A)		BSMI (Class A)
	Industry standard compliance / safety	MET	CB	CCC	GS

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

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

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