



Altos R480 F4 server

Altos R480 F4 GPU server, equipped with up to 8x NVIDIA GPUs, can significantly enhance performance by using parallel computing power for various applications, such as oil & gas, defense, financial services, research, manufacturing, media & entertainment and, 3D rendering, deep learning, and mission-critical applications.

Greener and More Powerful

Powered by Intel® Xeon® scalable processors product family and the DDR4 memory technology, it allows owners to upgrade computing performance without compromising power consumption. This allows you to save unnecessary datacenter cooling cost and achieve higher DCIE (Data center infrastructure efficiency) value.

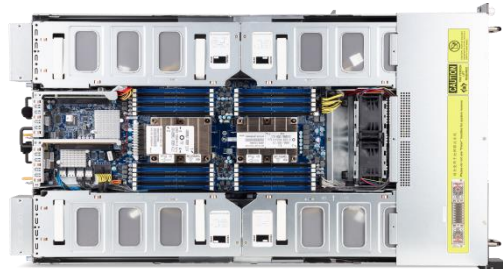
High Density HPC

To succeed in a competitive world, customers need computing results with greater precision and speed. Altos R480 F4 supports up to 8 GPU or co-processor cards within 2U chassis. It's ideal for accelerating development for AI, deep learning, real time analytics in any area.

Increased Memory Performance, Innovative Storage and Improved Networking

The CPU architecture allows for up to 6 memory channels per socket and a bandwidth of up to 2666MHz. Memory capacity benefits with up to available 12 DIMMs per socket, which represents a 50% generation-on-generation increase. For storage, it options through Intel Optane™ low-latency, non-volatile design. The networking is improved through Omni-Path interconnect fabric as a CPU-integrated or standalone device.





Mainboard	Processor type	Up to 2 x Intel® Xeon® scalable processors		
	Chipset	Intel® C621 chipset		
	Graphics	BMC embedded controller		
	Memory	Memory type: Registered / Load Reduced 2666/2400/2133 DDR4 memory Capacities: RDIMM modules up to 32GB supported / LRDIMM models up to 64GB supported DIMM number: 24 Max memory: 768 (RDIMM) / 1536GB (LRDIMM)		
	Expansion slots	<ul style="list-style-type: none"> 8 x PCIe x16 (Gen3 x16 bus) connectors 2 x PCIe x16 (Gen3 x16 bus) half-length low-profile slot Optional OCP type add-on card 		
Security and service features	I/O ports	Front: <ul style="list-style-type: none"> LED indicators: System status, HDD activity, 2 x LAN Button: Power with LED, ID with LED, Reset with LED Rear: <ul style="list-style-type: none"> LED indicators: System status Button: Power with LED, ID with LED, Reset with LED, NMI 2 x USB 3.0 ports 2 x LAN ports 1 x VGA port 1 x RJ45 Management port 		
	RAID	Intel® SATA RAID 0/1/5/10		
	LAN controller	2 x 10GBASE-T ports (Intel® X550-AT2)		
		<ul style="list-style-type: none"> Administrator/user password Device boot control Secure browser interface (Secure socket layer - SSL support) Secure IPMI LAN interface (IPMI 2.0 with vKVM & vMedia (HTML5)) 	<ul style="list-style-type: none"> Power-on password Secure command line interface (SSH) 	<ul style="list-style-type: none"> Setup password
Sub-system availability	Power supply	2 x 2200 W 80 PLUS® platinum-level redundant power supply unit (C19 type)		
	System cooling	8 x 80x80x38mm (15000rpm)		
	Storage	8 x 2.5" hot-swappable HDD/SSD bays		
Chassis	Form factor	2U rack		
	Dimensions (WxHxD)	448mm x 87.5mm x 800mm		
OS support		Windows Server 2016		
		Red Hat® Enterprise Linux® 7.X		
		VMware ESXi 6.5		
		NVIDIA GRID		
Server management utilities and applications		Acer Smart Server Manager		
		Embedded BMC controller with IPMI 2.0 compatibility System ID LED buttons, System Health LED		
Warranty		3-year standard warranty or choose extended warranties and services ¹		
Regulatory compliance	Emissions	FCC (Class A)	CE (Class A)	BSMI
	classification (EMC)			
	Industry standard compliance / safety	MET	CB	

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