

ALTOS

P550 F4

Offering extreme performance and expandability, the Altos P550 F4 workstation is an ideal choice for intensive computing and rendering tasks. Enterprise-level expandability and redundancy allow the Altos P550 F4 to tackle even the largest projects with confidence.

Processing power for demanding design and analysis

The Altos P550 F4 provides performance and reliability for our most demanding users, like designers, engineers and research professionals. Harnessing up to two Intel® Xeon® Scalable processors and four double-width NVIDIA® Quadro® GPUs, this system can offload CPU processing with CUDA enabled applications to deliver amazing processing performance.

High-end components for speedy computing

The Altos P550 F4 features Intel® architecture, up to 2TB memory, and fast dual-port 10Gigabit Ethernet. It uses up to two industry-leading processors to handle large workloads efficiently and contains flexible expansion slots and abundant space for data storage.

Built for flexibility and quiet efficiency

With its spacious case, the Altos P550 F4 is built for easy access to hot-swap hard drive bays and add-on card expansion. This workstation is equipped with redundant 80 PLUS® Titanium certified power supply for maximum energy efficiency.





Mainboard	Processor type	Up to 2x Intel® Xeon® Scalable Processors	
	Chipset	Intel® C621 chipset	
	Memory	Memory type: 2666/2400MHz ECC DDR4 RDIMM, LRDIMM DIMM Sizes: RDIMM up to 64GB supported / LRDIMM up to 128GB supported / 3DS LRDIMM up to 128GB supported DIMM slots: 16 Max memory: 2TB	
	PCI Expansion Slots ¹	6x PCI-E 3.0 x16 slots 1x PCI-E 3.0 x4 slots (in x8 slot) 1x M.2 Slot (PCI-E 3.0 x4 mode) Thunderbolt 3.0 option support	
	Onboard ports	Front:	
		<ul style="list-style-type: none"> 2x USB 3.0 ports 	<ul style="list-style-type: none"> Front audio jacks
Add-on cards		Rear:	
		<ul style="list-style-type: none"> 2x USB 3.0 ports 2x USB 2.0 ports 1x Dedicated IPMI LAN port 	<ul style="list-style-type: none"> 2x RJ45 10GBase-T ports 1x VGA port 1x COM port
	SATA and RAID ²	10x SATA3 (6Gbps) ports, Intel® RSTe Software RAID 0, 1, 5, 10 (Microsoft® Windows OS Only)	
	LAN controller	Intel® X550 10GBase-T Ethernet Controller	
	Graphics	NVIDIA® Quadro® GP100, 16GB HBM2 NVIDIA® Quadro® P6000, 24 GB NVIDIA® Quadro® P5000, 16 GB NVIDIA® Quadro® P4000, 8 GB NVIDIA® Quadro® P2000, 5 GB NVIDIA® Quadro® P1000, 4 GB NVIDIA® Quadro® P600, 2 GB NVIDIA® Quadro® P400, 2 GB	
		NVIDIA® Quadro® M4000, 8 GB NVIDIA® Quadro® M2000, 4 GB NVIDIA® Quadro® K1200, 4 GB NVIDIA® Quadro® K620, 2 GB NVIDIA® Quadro® K420, 2 GB NVIDIA® Quadro® NVS 810, 4GB NVIDIA® Quadro® NVS 510, 2GB NVIDIA® Quadro® NVS 315, 1GB	
Security and service features	GPU accelerators	NVIDIA® Tesla® P40, 24 GB	NVIDIA® Tesla® P4, 8 GB
	Security and service features	Administrator/user password Power-On password Setup password	Device boot control BIOS write-protected Power/Reset button lockout
	Sub-system availability	Power supply System cooling Storage Up to 8 x 3.5" Hot-swap drive bays	
Chassis	Form factor	Tower chassis	
	Removable media bays	Up to 3 x 5.25" drive	
OS support	Dimensions	178 (W) x 673 (D) x 462 mm (H) (7.0 x 26.5 x 18.2 inches)	
	OS support	Microsoft® Windows 10 (64 bit)	RedHat® Enterprise Linux 7.3 Workstation
Warranty		3-year standard warranty or choose extended warranties and services ³	
Regulatory compliance	Emissions classification (EMC)	FCC (Class B)	CE (Class B)
	Industry standard compliance / safety	UL	CB
Regulatory compliance			BSMI (Class B)

1. Two CPUs required for supporting all slots.

2. Microsoft® Windows OS Only

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

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