

ALTOS

P530 F4

Offering extreme performance and expandability, the Altos P530 F4 workstation is an ideal choice for intensive computing and rendering tasks. Enterprise-level expandability and redundancy allow the Altos P530 F4 to tackle even the largest projects with confidence.

Processing power for demanding design and analysis

The Altos P530 F4 provides performance and reliability for our most demanding users, like designers, engineers and research professionals. Harnessing up to two Intel® processors and 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 P530 F4 features Intel® architecture, up to 2TB memory, and fast dual-port 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 P530 F4 is built for easy access to hard drive bays and card expansion. This workstation is equipped with a quiet 80 PLUS® Platinum certified power supply for maximum energy efficiency.





	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 64GB supported / 3DS LRDIMM up to 128GB supported DIMM slots: 16 Max memory: 2TB		
Mainboard	PCI Expansion Slots ¹	4x PCIe 3.0 x16 slots 2x PCIe 3.0 x8 slots 1x M.2 Slot (PCI-E 3.0 x4 mode) Thunderbolt header		
	Onboard ports	Front: <ul style="list-style-type: none"> • 2x USB 3.0 ports 	• Front audio jacks	
		Rear: <ul style="list-style-type: none"> • 4x USB 3.0 ports • 2x USB 3.1 ports (1x Type C & 1x Type A) 	• 2x Gigabit LAN port (RJ-45)	• 5x audio jacks(7.1 HD Audio), 1x SPDIF port
			• 1x VGA port	
	SATA / RAID ²	10x SATA 3.0 (6 Gbps) Intel® RSTe Software RAID 0, 1, 5, 10 (with Windows OS) (Optional SAS hardware RAID)		
	NVMe	2x NVMe support with optional cables		
	LAN controller	Intel® Dual LAN with GbE from C621		
Add-on cards	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® M6000, 24 GB NVIDIA® Quadro® M5000, 8 GB NVIDIA® Quadro® M4000, 8 GB NVIDIA® Quadro® M2000, 4 GB NVIDIA® Quadro® K620, 2 GB NVIDIA® Quadro® NVS 810, 4GB NVIDIA® Quadro® NVS 510, 2GB NVIDIA® Quadro® NVS 315, 1GB	
	GPU accelerators	NVIDIA® Tesla™ P40, 24 GB	NVIDIA® Tesla™ P4, 8 GB	
	Co-processors	Intel® Xeon Phi™ series		
	Security and service Features	Administrator/ user password Setup password	Power-on password Device boot control BIOS write-protected Power/Reset button lockout	
Sub-system availability	Power supply	1200W power supply with 80 PLUS® Platinum-level efficient		
	System cooling	Optimized Cooling Technology		
	Storage	Up to 4 x 3.5" (optional 4 x 2.5") SATA/SAS/SSD HDD		
Chassis	Form factor	Tower chassis		
	Removable media bays	Up to 2 x 5.25" drive		
	Dimensions	193 (W) x 525 (D) x 424 mm (H) (7.6 x 20.7 x 16.7 inches)		
	Weight	19 kg (41.8 lbs.) maximum (all component slots and sockets fully populated)		
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)	BSMI (Class B)
	Industry standard compliance / safety	UL	CB	

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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