

Altos BrainSphere™ P555 F5

Altos BrainSphere™ P555 F5 workstation is equipped with liquid cooling technology to fulfill AI application, deep learning, 3D modeling and professional engineering design (such as VR) to provide the ultimate system performance.

Liquid Cooling Technology

The CPU and GPU can be cooling at the same time to improve the heat dissipation capacity and system stability, effectively reduces the noise generated when its operation.

High-end components for speedy computing

Its supports four high-end GPUs to solve the load problems caused by big data such as AI, rendering, and graphics more intelligently and quickly.

Altos Accelerator Resource Manage (AARM)

AARM can allocate and optimize CPU resources, also establish an independent development environment while supporting hardware sharing. •

Altos Smart Server Manager (ASSM)

Through the ASSM, IT can remote control and manage the Altos BrainSphere™ server and architecture environment, thereby improving efficiency and corporate productivity. ASSM can manage Altos BrainSphere™ workstations running Microsoft Windows 10 Pro to meet workstation management needs.



CPU	Processor type	• Single AMD EPYC™ 7003 / 7002 Series, TDP Up to 280W		
	Number of processors	1		
Chipset/Network	Chipset	System on Chip		
	IPMI	ASPEED AST2500		
	Graphics	ASPEED AST2500 BMC		
	Network controller	Dual 10GBase-T LAN via Broadcom BCM57416		
Memory	Memory slot	8 DIMM slots		
	Memory type	3200/2933/2666/2400MHz ECC DDR4 RDIMM, LRDIMM		
Expansion slots	PCIe	<ul style="list-style-type: none"> • 5 PCI-E 4.0 x16 • 2 PCI-E 4.0 x4 		
	M.2	2 M.2 2280/22110 slot (PCIe 4.0 x4)		
I/O ports	Front I/O ports	<ul style="list-style-type: none"> • 2 USB 3.1 ports 		
	Rear I/O ports	<ul style="list-style-type: none"> • 1 VGA port • 1 COM port • 1 Dedicated IPMI LAN port • 4 USB 3.0 ports • 2 10 Gigabit Lan ports 		
Management & Security	Server Management	IPMI2.0, KVM with dedicated LAN		
	System Security	1 TPM Header		
Resource allocation software		Altos Accelerator Resource Manager(optional)		
Drive Bays	Storage bays	5 x 3.5" bays SAS3008 SW Raid 0,1,10		
	ODD Bays	3 x 5.25 吋 (Air Cooling SKU) 1 x 5.25 吋 (Liquid Cooling SKU)		
Power supply		2000W 80plus Platinum (ATX)		
Form factor	Form factor	Tower		
	Dimensions (D x W x H)	532 x 243 x 582 mm		
Supported OS		<ul style="list-style-type: none"> • Windows Server 2019 • Windows 10 • Ubuntu 20.04 		
Regulatory Compliance	EMC	CE(Class B)	FCC(Class B)	BSMI(Class B)
	Safety	CB		
Warranty		3-year standard warranty		
Others		System Cooling		
		Air cooling or liquid cooling		

About Altos

Altos Computing Inc. (abbr. Altos) is established in 2017 and it is a subsidiary of Acer Inc. The business model of Altos is to provide the best streamlined and cost-effective integrated solutions thru in-house R&D working with ODM/IHV/ISV on servers, workstations, thin client, network and storage. In the era of demanding speed, Altos provides leading solution included, but not limited to High Performance Computing, Virtual Desktop Infrastructure, Cloud Infrastructure and Software Defined Storage, etc. Altos provides solutions and services to government, academia, cloud service providers, datacenter operators and enterprises.