

Altos BrainSphere™ P15 F7

Altos BrainSphere™ P15 F7 PC workstation has a comprehensive leading processor, with PCIe Gen4 M.2 SSD, which greatly improves data storage and processing performance; at the same time, customers can choose to carry Altos Smart Server Manager (ASSM) which is a system management software, to meet the needs of the system for remote control and monitor requirement ,Altos BrainSphere™ P15 F7 can be the first to provide the best products for corporate users in the financial industry, securities industry, manufacturing, large medical institutions, as well as government departments and the education industry ◦

High Performance Storage support

BrainSphere™ P15 F7 PC workstation, with PCIe Gen4 M.2 SSD, The transmission bandwidth is double that of the previous generation, and experience lightning-fast data transmission speed.

Powerful performance

BrainSphere™ P15 F7 plays a leading role in the field of PC workstation, with 3rd Generation AMD Ryzen™ Processors for ultimate performance ◦ BrainSphere™ P15 F7 makes PCIe Gen 4 compatible with NVIDIA® 3000 series and Quadro® GPU for anyone higher performance, bandwidth and speed ◦

ECC Memory

BrainSphere™ P15 F7 support the Error-correcting code is a method of detecting and correcting single-bit memory errors. It's mission-critical to minimize errors in data especially for the server business and data centers.

Accelerate AI development

With Altos BrainSphere™ AI Development Platform API service agent, it integrates system, GPU and AI Deep Learning container management to fast build and deploy AI development environments.



CPU	Processor type ⁽¹⁾	•3rd Generation AMD Ryzen™ Processors		
	Number of processors	1		
On-board Devices	Chipset	B550		
	SATA	4 x SATA3 (6.0 Gb/s) Port		
	Network controller	1 Gb/s (10/100/1000) BASE-T LAN port (RTL8111GN)Realtek		
Memory	Memory slot	4 DIMM slots		
	Memory type	Up to DDR4-3200MHz ECC & Non-ECC UDIMM,		
Expansion slots	PCIe	2 PCIe Gen4 x16 slot (PCIe1: Gen4x16 PCIe3: Gen4x4) 1 PCI-E 3.0 x1		
	M.2	1 x Hyper M.2 Socket (M2_1), supports M Key type 2280 M.2 PCI Express module up to Gen4x4 (64 Gb/s) (with Matisse)		
		1 x Hyper M.2 Socket (M2_2), supports M Key type 2280 M.2 PCI Express module up to Gen3x2 (16Gb/s)		
I/O ports	Front I/O ports	<ul style="list-style-type: none"> • 2 USB 3.2 Gen1 ports • 2 USB 2.0 ports • 2 Audio Jacks (In/Out) 		
	Rear I/O ports	<ul style="list-style-type: none"> • 1 RJ45 Ethernet LAN ports • 1 DP • 1HDMI Port 1 PS2 PORT 	<ul style="list-style-type: none"> • 4 USB 3.1Gen2 ports • 2 USB 2.0 ports • 3 Audio Jacks + 	
Drive Bays	Media bays	<ul style="list-style-type: none"> • 28L(mATX) SKU: 2 x 5.25" bay, 1 x 3.5" bay • 38L(ATX) SKU: 3 x 5.25" bay, 1 x 3.5" bay 		
	Storage bays	<ul style="list-style-type: none"> • 28L(mATX) SKU: 2 x 3.5" bays • 38L(ATX) SKU: 4 x 3.5" bays 		
Management & Security	TPM	TPM 2.0 module		
	ASSM	Altos Smart Server Manager (Optional)		
Power supply		<ul style="list-style-type: none"> • 28L(mATX) SKU: 500W 80 PLUS Bronze • 38L(ATX) SKU: 750W 80 PLUS Gold 		
Form factor	Form factor	Micro ATX Tower / ATX Tower		
	Dimensions (D x W x H)	<ul style="list-style-type: none"> • 28L(mATX) SKU : 425 (D) x 190 (W) x 350 (H) mm • 38L(ATX) SKU : 483 (D) x 190 (W) x 416 (H) mm 		
OS Support		<ul style="list-style-type: none"> • Microsoft® Windows 11 and Windows 10 • Red Hat Enterprise Linux 8 • Ubuntu Linux 20.04 		
Certification	EMI Safety	CE	FCC	BSMI
		CB	CCC	
Warranty		3 Year		

1. Integrated SATA RAID supports RAID 0, 1, 5, 10 on Windows® OS only

In a continuing effort to improve the quality of our products, information in this brochure is subject to change without notice. Images appearing are only representations of some of the configurations available for this model. Availability may vary depending on region. Altos disclaims any liability for errors and omissions in product descriptions.

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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.

