

Altos BrainSphere™ P15 F7 SFF

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.

◦

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.



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|-----------------------|------------------------|--|--|---------------|
| CPU | Processor type | 3rd Generation AMD Ryzen™ Processors | | |
| | Number of processors | 1 | | |
| On-board Devices | Chipset | B550 | | |
| | SATA | 4 SATA3 (6 Gb/s) ports | | |
| | Network controller | 1 Gb/s (10/100/1000) BASE-T LAN port (RTL811GN) | | |
| Memory | Memory slot | 4 DIMM slots (Dual channel) | | |
| | Memory type | Up to 128GB, ECC & Non ECC UDIMM, DDR4 3200 MHz | | |
| Expansion slots | PCIe | 2 PCIe Gen4 x16 slot (PCIe1: Gen4x16 PCIe3: Gen4x4) | | |
| | | 1 個 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 | <ul style="list-style-type: none">• Audio jacks (In/Out)• Option: Multi-Card Reader | |
| | Rear I/O ports | <ul style="list-style-type: none">• 1 Display Port• 1 HDMI Port• 2 USB 2.0 ports | <ul style="list-style-type: none">• 1 Gigabit LAN port (RJ-45)• 4 USB 3.1 Gen2 ports• 3 Audio jacks (In/Out/Mic) | |
| Management & Security | | <ul style="list-style-type: none">• TPM v2.0 module• Option: Altos Smart Server Management software | | |
| Drive Bays | Media bay | • 1x 5.25” bay, 1x 3.5” bay | | |
| | Storage bay | • 1x 3.5” bay, 1x 2.5” bay | | |
| Power supply | | • 300W 80 PLUS Gold PSU | | |
| Form factor | Form factor | Compact | | |
| | Dimensions (D x W x H) | 12L , 370 (D) x 96 (W) x 334 (H) mm approximately | | |
| Tested OS | | <ul style="list-style-type: none">• Microsoft® Windows 11 and Windows 10• Red Hat Enterprise Linux 8• Ubuntu Linux 20.04 | | |
| Regulatory Compliance | EMC | CE | FCC | BSMI(Class B) |
| | Safety | CB | MET | |

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.

In a continuing effort to improve the quality of our products, information in this brochure is subject to change without notice.

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