

Altos BrainSphere™ T315 F6

Altos BrainSphere™ T315 F6 delivers true server-class features and expandability along with best price-performance technology to assure the success of your business. This single-socket tower server features redundant 80 PLUS® Platinum power supply that maximize system performance and comprehensive productivity.

Powerful performance

With AMD EPYC™ 4004 Processor, the Altos T315 F6 represents an architectural turning point for professional high-end compute needs. The all-new architecture optimizes CPU performance, allowing entry servers, secure cloud services, and edge devices/appliances to work at their best with up to 16 cores.

Flexible expansions

The Altos T315 F6 combines PCIe Gen5 expansion slot, PCIe Gen5 M.2 NVMe SSD slot, and support for up to four DDR5 ECC UDIMMs, and four 3.5"/2.5" SATA drive bays with RAID 0,1 or 10 to ensure data security and enhance expansion flexibility.

Easy maintenance

The Altos T315 F6 comes with hot plug HDD bay design that enables easy component access, reducing maintenance efforts and service costs. Moreover, T315 F6 is equipped with 80 PLUS® Platinum power supply for maximum energy efficiency.



Specification			
CPU	Processor type	AMD EPYC™ 4004 Processor, AM5, up to 16 Core / 170W TDP	
	Number of processors	1	
On-board Devices	Chipset	AMD® B650E Chipset	
	SATA	4 SATA3 (6 Gb/s) ports	
	NVMe/SATA RAID	AMD RAIDXpert2 support RAID 0,1,10 (via BIOS) (Windows Only) ¹	
	Graphics	AMD CPU integrated graphics	
	Network controller	Realtek® 2.5GbE LAN (RTL8125) Realtek® GbE LAN (RTL8111EP)	
Memory	Memory slot	4 DIMM slots (Dual Channel)	
	Memory type	Up to 32GB ECC DDR5 5200 MHz UDIMM	
	Total Memory capacity	Up to 128GB	
Expansion slots	PCIe	<ul style="list-style-type: none">• 1x PCIe 5.0 x16 slot• 1x PCIe 4.0 x16 slot (wires x4)	<ul style="list-style-type: none">• 1x PCIe 4.0 x1 slot
	M.2	<ul style="list-style-type: none">• 1 x M.2 2280 slot (M key, PCIe 5.0 x4)• 1 x M.2 2280 slot (M key, PCIe 4.0 x4)	
I/O ports	Front I/O Ports	<ul style="list-style-type: none">• 2x USB3.2 Gen 1 Type A• System LED (Power/HDD)	<ul style="list-style-type: none">• Reset button• FAN mute button
	Rear I/O Ports	<ul style="list-style-type: none">• 1x Display port• 2x USB3.2 Gen1 Type A• 1x USB 3.2 Gen2 type C• 1x GbE RJ45 LAN port• 3x Audio Jacks(Line in / Line out / Mic in)	<ul style="list-style-type: none">• 2x HDMI ports• 1x USB 3.2 Gen2 type A• 1x 2.5 GbE RJ45 LAN port
Commercial features		<ul style="list-style-type: none">• RAID support (RAID 0,1,10)• TPM v2.0 (Trusted Platform Module)	<ul style="list-style-type: none">• Key Lock
Drive Bays	External bay	<ul style="list-style-type: none">• 1x 5.25" ODD Bay	
	Internal bays	<ul style="list-style-type: none">• 4 x 3.5"/2.5” Hot Swappable Disks	
Power supply		550W 80PLUS® Platinum 1+1 redundant PSU	
Dimensions (D x W x H)		198mm (W) x 425mm (H) x 553mm (D) (7.8 x 16.73 x 21.77 inches)	
OS Support		<ul style="list-style-type: none">• Microsoft® Windows Server® 2022• Red Hat Linux 8.x/9.x• SUSE Linux Enterprise Server 15 SP4• Ubuntu 22.04/24.04	
Regulatory Compliance		CE, FCC	

1. Integrated NVMe/SATA RAID supports RAID 0, 1, 10 on Windows® OS only.
2. Extended warranty services may vary by country. Please contact Altos for more information

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.

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