Altos BrainSphere™ T110 F5

Altos BrainSphere T110 F5 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 an 80 PLUS® efficient power supply that runs smoothly and quietly for maximized productivity.

Smart investment for your growing business

Driven by Intel® architecture, with great memory capacity and high performance, this tower server uses industry-leading 14nm processors that handle large workloads more efficiently. Flexible expansion slots, plus up to 64 TB HDD for data storage satisfy the demands of your growing business.

Meeting business needs with best value

Altos BrainSphere™ T110 F5 is packed with dependable server-class hardware, including an integrated Gigabit Ethernet controller for speedy and safe data transmission, and built-in 6-channel SATA with software RAID 0,1, 5 or 10 to ensure data security.

Cost-effective expandability, green computing

Altos BrainSphere™ T110 F5 is designed with a tool-less chassis that enables easy component access, reducing maintenance and service costs. What's more, this tower server is equipped with an 80 PLUS® power supply for maximum energy efficiency.

Accelerate AI development

With Altos BrainSphere™ AI Development Platform

API service agent, it integrates system and AI Deep Learning container management to

fast build and deploy AI development environments.

CPU	Processor type	• Intel® Xeon® E-2200[1] and Xeon® E-2100 Processors • Intel® Gen 8th and 9th Core™ i3 series
	Number of processors	1
On-board Devices	Chipset	Intel® C242
	SATA	Intel® C242 controller for 6 SATA3 (6 Gbps) ports
	SATA RAID[2]	Intel® C242 chipset with RSTe RAID support for SATA RAID 0, 1, 5, 10
	SAS RAID[3]	SAS RAID 0,1,5, 10 support via optional SAS RAID add-on- card
	IPMI	ASPEED AST2500 (2D Controller)
	Graphics	ASPEED AST2500 BMC (2D Controller)
	Network controller	Dual 1GbE LAN with Intel® I210
Memory	Memory slot	4 DIMM slots
	Memory type	DDR4-2666/2400/2133MHz ECC Unbuffered memory
Expansion slots	PCIe	• 1 x PCI-E 3.0 x8 (in x16) • 2 x PCI-E 3.0 x4 (in x8)
	M.2	1 M.2 2280/22110 slot (M-key, w/PCIe 3.0 x4)
I/O ports	Front I/O ports	• 2 x USB 3.2 Gen1 • 2 x USB 2.0
	Rear I/O ports	• 2 x RJ45 Ethernet LAN ports • 2 x USB 3.2 Gen 1 • 1 x RJ45 Dedicated IPMI LAN port • 2 x USB 2.0 • 1 x COM port • 1 x VGA port
	On-board port	• 1 x USB 3.2 Gen1 Type A
Management & Security	Management	• IPMI 2.0, KVM with dedicated LAN • Smart Console remote monitoring (Optional) • Smart Server Manager (Optional)
	TPM	1 TPM Header (optional for TPM module)
Drive Bays	Media bays	2 x 5.25" bay
	Storage bays	Up to 4 x 3.5" Bay (Max) Note: Need additional 2nd 3.5" bracket to support 3rd and 4th SATA HDD
Power Supply		500W (80Plus Bronze) Fixed
System Cooling		• Active Heat-Sink with Fan • Fixed System Fan
Form Factor	Form Factor	Tower
	Dimension (D x W x H)	425 x 184 x 362 mm approximately
Software		Altos BrainSphere™ AI Development Platform API
OS		• Microsoft® Windows Server® 2019 / 2016 • Red Hat® Enterprise Linux®

1. *Support up to 6 core Intel® Xeon® E-2200 series CPU, please refer to AVL for detail.*

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

3. *SAS HDD support limited to 2 and recommend the system to operate at 25º celsius environment temperature, contact Altos technical personnel for further consultation*

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.

ALTOS COMPUTING