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		
		• 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*

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.

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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