# Altos BrainSphere<sup>™</sup> T310 F5

Altos BrainSphere™ T310 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 hot plug HDD for data storage satisfy the demands of your growing business.

### Meeting business needs with best value

Altos BrainSphere™ T310 F5 is packed with dependable server-class hardware, including

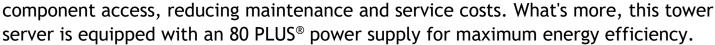
an integrated Gigabit Ethernet controller for speedy and safe data transmission, and built-in 6-channel SATA with software RAID 0,1, 5 or 10 to ensure data security.

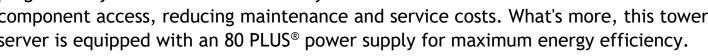
## Fundamental management, easy use

This server provides comprehensive management utilities, Altos Smart Server Manager. In addition, front-panel system health LED indicators let you check the server at a glance.

# Cost-effective expandability, green computing

Altos BrainSphere™ T310 F5 is designed hot plug HDD bay chassis that enables easy





## 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	<ul> <li>Intel® Xeon® E-2200<sup>(1)</sup> and Xeon® E-2100 Processors</li> </ul>
		<ul> <li>Intel® Gen 8<sup>th</sup> and 9<sup>th</sup> Core<sup>™</sup> i3 series</li> </ul>
	Number of processors	1
On-board Devices	Chipset	Intel® C242
	SATA	6 SATA3 (6 Gbps) ports (via Intel® C242 controller)
	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	PCle	• 1 PCI-E 3.0 x8 (inx16)
		• 2 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
	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	Server Management	IPMI2.0, KVM with dedicated LAN
	_	Altos Smart Server Manager
		Smart Console remote monitoring
	System Security	• 1 TPM Header (Optional TPM 2.0 module)
Software/Utility		Altos BrainSphere™ AI Development Platform API
Drive Bays	Media bays	3 x 5.25" bay
	Storage bays	4 x 3.5" hot-swappable bays
Power supply		• 650W (80Plus Gold) fixed,
		• 550W (80Plus Platinum) 1+1 redundant power supply
Form factor	Form factor	Tower
	Dimensions (D x W x H)	553 x 198 x 425 mm approximately
Tested OS		• Window Server 2019, 2016
		Red Hat® Enterprise Linux® 7.6
Regulatory Compliance	EMC	CE FCC BSMI
	Safety	CB MET BSMI

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

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.

#### © 2019. All rights reserved.

Altos and the Altos logo are registered trademarks of Altos Computing, Inc. Other trademarks, registered trademarks and/or service marks, indicated or otherwise the properties of their respective owners.

#### 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.



<sup>2.</sup> Integrated SATA RAID supports RAID 0, 1, 5, 10 on Windows® OS only