

# Altos BrainSphere™ T350 F4

The Altos BrainSphere™ T350 F4 is a dual-socket, rack-mountable tower server that delivers exceptional performance, availability, expansion capability, and flexibility. This ultra-dense tower server is a power-efficient solution for medium-sized enterprises, departments and branch offices.

## Uninterrupted, solid computing

Driven by Intel® architecture, with great memory capacity and high performance, this tower server uses industry-leading Intel® 2nd Generation Intel® Xeon® Scalable Processors along with DDR4 memory for high-speed, memory-intensive and multi-threaded operations. that handle large workloads more efficiently. What's more, 1+1 redundant platinum-level power supplies and redundant, hot-swappable system fans secure your system uptime for increased productivity.

## Superior flexibility for your growing business

Hot-swappable HDDs, PCIe® 3.0 expansion slots and up to 16 DIMM slots with support for registered or Load-Reduced memory give your business the power to customize and grow as needed. This server integrates SATA ports with software RAID 0, 1, 5, 10 for dependable data security, while Intel® Trusted Execution Technology blocks virtual machine hacking.

## Manageable serviceability, energy-saving operation

The tool-less chassis design of the Altos BrainSphere™ T350 F4 makes component access effortless, reducing maintenance and service costs. To top it off, this tower server boasts 80 PLUS® power efficiency for eco-consciousness.

## 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	2nd Generation Intel® Xeon® Scalable Processors		
	Number of processors	1		
On-board Devices	Chipset	Intel® C621		
	SATA	14 SATA3 (6 Gbps) ports (via Intel® C621 controller)		
	SATA RAID <sup>1</sup>	Intel® C621 chipset with RSTe RAID support for SATA RAID 0, 1, 5, 10 (supports Windows OS Only)		
	IPMI	ASPEED AST2500		
	Graphics	ASPEED AST2500 BMC		
Memory	Network controller	Dual 1GbE LAN with Intel® X722		
	Memory slot	16 DIMM slots		
Expansion slots	Memory type	<ul style="list-style-type: none"> <li>• DDR4-2933/2666 ECC Registered memory</li> <li>• Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only)</li> </ul>		
	PCIe	<ul style="list-style-type: none"> <li>• 4 PCI-E 3.0 x18</li> <li>• 2 PCI-E 3.0 x8</li> </ul>		
I/O ports	M.2	1 M.2 2260/2280/22110 slot (M-key, w/PCIe 3.0 x4)		
	Front I/O ports	<ul style="list-style-type: none"> <li>• 2 USB 3.0 ports</li> </ul>		
Management & Security	Rear I/O ports	<ul style="list-style-type: none"> <li>• 1 VGA port</li> <li>• 1 COM port</li> <li>• 3 RJ45</li> <li>• 2 USB 2.0 ports</li> <li>• 2 USB 3.0 ports</li> </ul>		
	Server Management	<ul style="list-style-type: none"> <li>• IPMI2.0, KVM with dedicated LAN</li> <li>• Altos Smart Server Manager</li> <li>• Smart Console remote monitoring</li> </ul>		
Software/Utility	System Security	<ul style="list-style-type: none"> <li>• 1 TPM Header</li> <li>• Optional TPM 2.0 module</li> </ul>		
	Altos BrainSphere™ AI Development Platform API			
Drive Bays	Storage bays	8 3.5" SAS/SATA hot-swappable bays for HDD/SSD		
	Media bays	3 5.25" media bays		
Power supply	550W/800W/1200W (80Plus Platinum) 1+1 redundant power supply (for option)			
Form factor	Form factor	Tower or Rackmount (via rackmount kit)		
	Dimensions (D x W x H)	620 x 220 x 425 mm approximately		
Tested OS	<ul style="list-style-type: none"> <li>• Windows Server 2019, 2016</li> <li>• Red Hat® Enterprise Linux® 7.3</li> </ul>			
Regulatory Compliance	EMC	CE	FCC	BSMI
	Safety	CB	MET	BSMI

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

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**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.

