

# Altos BrainSphere™ P130 F5

Altos BrainSphere™ P130 F5 workstation, powered by Intel® Gen8 and Gen9 CPU delivers rock-solid performance and great flexibility. With power-saving hardware as well as substantial advancements in HDD and memory maximization, Altos BrainSphere™ P130 F5 offers a comprehensive solution for all business scenarios.

## Solid Performance and Great Flexibility

Powered by Intel® Gen 8<sup>th</sup> and 9<sup>th</sup> Xeon® E family, Core i7, i5, i3, Pentium Gold or Celeron G4900 with great memory capacity and high performance, this workstation uses industry-leading 14nm processors that handle large workloads more efficiently. Flexible expansion slots, plus up to 32TB HDD for data storage to satisfy to store huge amount data.

## Data Security

Altos BrainSphere™ P130 F5 is packed with reliable hardware, including an integrated dual ports 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 and Green Computing

Altos BrainSphere™ P130 F5 is built around an easy-access chassis that offers the convenient access to its internal components, reducing maintenance and service costs. It is equipped with an 80 PLUS® power supply for maximum energy efficiency and complies with ENERGY STAR®

## 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 <sup>(1)</sup>	<ul style="list-style-type: none"> <li>Intel® Xeon® E-2200 and Xeon® E-2100 Processors</li> <li>Intel 8<sup>th</sup> and 9<sup>th</sup> Generation Intel® Core™ i7 / i5 / i3 / Pentium® Gold / Celeron® G4900 series Processor</li> </ul>		
	Number of processors	1		
On-board Devices	Chipset	Intel® C246		
	SATA	4 SATAIII (6 Gbps) + 2 SATA DOM ports		
	SATA RAID <sup>1</sup>	Intel® C246 chipset with RSTe RAID support for SATA RAID 0, 1, 5, 10 (Windows OS only)		
	Graphics	Intel® Processor Graphics (pGFX)		
	Network controller	Dual 1GbE LAN with Intel® I210 + I219LM		
	Audio	Realtek ALC892-CG 7.1 Channel High Definition Audio		
Memory	Memory slot	4 DIMM slots		
	Memory type	DDR4-2666/2400/2133MHz Unbuffered ECC UDIMM, Up to 128GB		
Expansion slots	PCIe	<ul style="list-style-type: none"> <li>1 PCI-E 3.0 x16 (in x16 slot)</li> <li>2 PCI-E 3.0 x4 (in x8 slot)</li> </ul>		
	M.2	1 M.2 2280/2242 slot (M-key, w/PCIe 3.0 x2)		
I/O ports	Front I/O ports	<ul style="list-style-type: none"> <li>2 USB 3.2 Gen1 ports</li> <li>2 USB 2.0 ports</li> <li>Audio (In/Out)</li> </ul>		
	Rear I/O ports	<ul style="list-style-type: none"> <li>2 RJ45 Ethernet LAN ports</li> <li>1 DVI-D</li> <li>2 Display Port</li> </ul>	<ul style="list-style-type: none"> <li>4 USB 3.2 Gen2 ports</li> <li>2 USB 2.0 ports</li> <li>5 Audio Jacks + 1 S/PDIF Output</li> </ul>	
	On-board ports	2 COM port headers		
Management & Security				
	TPM	1 TPM Header for TPM module (Optional)		
Drive Bays	Media bays	2 x 5.25" bay, 1 x 3.5" bay		
	Storage bays	2 x 3.5" HDD bay (Tool-less), 1 x 2.5" HDD/SSD bay		
Power supply		500W (80Plus Bronze), Optional for 650W (80Plus Gold)		
Form factor	Form factor	Tower		
	Dimensions (D x W x H)	350 x 170 x 360 (mm) approximately		
Software		Altos BrainSphere™ AI Development Platform API		
OS		<ul style="list-style-type: none"> <li>Microsoft® Windows 10</li> <li>Red Hat® Enterprise Linux® WorkStation</li> </ul>		
Self-Tested CAD/CAE Software		3DS Max 2020, Maya 2019, KeyShot® 8.2, Creo Parametric 6.0, HyperWorks®		
Certification	EMI	CE	FCC	BSMI
	Safety	CB	MET	BSMI
		Energy-Star		
Warranty		3 Year		

1. (a) Support up to 6 core Intel® Xeon® E-2200 series CPU. (b) Core i5/i7 CPU support: i7-8700K, i5 8600K, i5-9600, i5-8600, i5-8500

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

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.

