

Altos BrainSphere™ P10 F7 SFF

BrainSphere™ P10 F7 SFF 搭載全新Intel 第11代Core i 處理器，能夠以更高的效率處理工作負載並提供PCIe Gen4的擴充槽及M.2 NVMe SSD，良好的彈性提升處理效能與資料儲存速度；鎖定長時間使用需求、注重效能、需靈活擴充等等使用者設計應用。

強大效能，高畫質輸出

採用全新 Intel 11th Core™ i 處理器，可提供穩定的效能，搭配 Intel® UHD Graphics 高畫質顯示技術。支援多種最新 NVIDIA®繪圖卡及最新 Wi-Fi 6 進一步擺脫距離的限制。

彈性擴充，靈活運用

BrainSphere™ P10 F7 SFF 採用了極便採開的機箱結構，可方便地更換或更新內部組件，從而降低維護成本。除此之外此工作站搭配 80PLUS® 電源，可實現最高效能和環保節能。

遠端控管，節省成本

透過 Altos Smart Server Manager (ASSM) 軟體管理解決方案，技術人員可以在遠端對產品及系統進行監控及管理，提高 IT 效率。支援運行 Microsoft Windows 10 Pro 的 Altos BrainSphere™ 工作站，滿足訊息管理需求。

加速 AI 應用開發

搭配 Altos BrainSphere™ AI Development Platform API 服務代理程式，可整合系統、GPU 以及 AI 深度學習容器管理，協助快速建置與部署 AI 開發環境。



CPU	Processor type	• Intel® 11 th /10 th Core™ i9/i7/i5/i3 series Processors		
	Number of processors	1		
On-board Devices	Chipset	Intel® H570 Chipset		
	SATA	4 SATA3 (6 Gb/s) ports		
	SATA RAID	Intel onboard software RAID 0, 1, 5, 10 (only supports Windows OS)		
	Graphics	Intel® UHD Graphics Support (by CPU)		
	Network controller	1 Gb/s (10/100/1000) BASE-T LAN port (Intel® I219V)		
	Audio controller	Realtek ALC897		
Memory	Memory slot	4 DIMM slots (Dual channel)		
	Memory type	Up to 128GB, Non ECC UDIMM, DDR4 3200 MHz		
Expansion slots	PCIe	• 1 PCI-E 4.0 x16 slot (Core 11th CPU only; Core 10th CPU with PCI-E 3.0) • 1 PCI-E 3.0 x4 slot • 1 PCI-E 3.0 x1 slot		
	M.2	• 1 M.2 2280 PCI-E 4.0 slot (Core 11th CPU only) • 1 M.2 2280 PCI-E 3.0 slot • 1 M.2 2230 PCI-E 3.0, E Key for Wi-Fi & Bluetooth		
I/O ports	Front I/O ports	• 1 USB 3.2 Gen1 port(Type C) • 2 USB 3.2 Gen1 ports • 2 USB 2.0 ports	• Audio jacks (Mic in/Out) • Option: Multi-Card Reader	
	Rear I/O ports	• 1 Display Port 1.4 • 1 HDMI Port • 2 USB 3.2 Gen2 ports(Type-A)	• 1 Gigabit LAN port (RJ-45) • 4 USB 3.2 Gen1 ports • 3 Audio jacks (Line in/Front Speaker/Microphone)	
Management & Security		• Option: TPM v2.0 module • Option: Altos Smart Server Management software		
Drive Bays	Media bay	• 1x 5.25" bay, 1x 3.5" bay		
	Storage bay	• 1x 3.5" bay, 1x 2.5" bay		
Power supply		• 300W 80 PLUS Bronze PSU		
Form factor	Form factor	Compact		
	Dimensions (D x W x H)	12L , 370 (D) x 96 (W) x 334 (H) mm approximately		
Tested OS		• Microsoft® Windows® 10 64-bit / 11 64-bit • Red Hat Enterprise Linux 8.4 (Core 11th CPU only) • Ubuntu Linux 20.04		
Regulatory Compliance	EMC	CE	FCC	BSMI(Class B)
	Safety	CB	MET	

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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.

