

# Altos BrainSphere™ P15 F7 SFF

Altos BrainSphere™ P15 F7 PC 工作站擁有全面領先的處理器技術，搭配 PCIe Gen4 M.2 SSD，大幅提升資料儲存與處理效能；同時，客戶可選擇搭載 Altos Smart Server Manager (ASSM) 系統管理軟體，滿足對系統做遠端監控的需求。Altos BrainSphere™ P15 F7 PC 工作站可率先提供金融業、證券業、製造業、大型醫療院所等企業用戶以及政府部門與教育行業最佳產品。

## 高效率的儲存支援

BrainSphere™ P15 F7 PC 工作站 搭配 PCIe Gen4 M.2 SSD，傳輸頻寬是上一代的兩倍，體驗如閃電般快速的資料傳輸速度。。

## ECC 記憶體

BrainSphere™ P15 F7 支援修正錯誤記憶體 (ECC, Error-correcting code) 將資料錯誤最小化，特別是對伺服器 and 資料中心的應用，擁有伺服器等級的性能及耐用性，能夠滿足高階運算需求，如用於科研或財務的電腦系統等。

## 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	3rd Generation AMD Ryzen™ Processors 處理器		
	Number of processors	1		
On-board Devices	Chipset	B550		
	SATA	4 SATA3 (6 Gb/s) ports		
	Network controller	1 Gb/s (10/100/1000) BASE-T LAN port (RTL811GN)		
Memory	Memory slot	4 DIMM slots (Dual channel)		
	Memory type	Up to 128GB, ECC & Non ECC UDIMM, DDR4 3200 MHz		
Expansion slots	PCIe	2 PCIe Gen4 x16 slot (PCIe1: Gen4x16 PCIe3: Gen4x4) 1 個 PCI-E 3.0 x1		
	M.2	1 x Hyper M.2 Socket (M2_1), supports M Key type 2280 M.2 PCI Express module up to Gen4x4 (64 Gb/s) (with Matisse)		
		1 x Hyper M.2 Socket (M2_2), supports M Key type 2280 M.2 PCI Express module up to Gen3x2 (16Gb/s)		
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></ul>	<ul style="list-style-type: none"><li>• Audio jacks (In/Out)</li><li>• Option: Multi-Card Reader</li></ul>	
	Rear I/O ports	<ul style="list-style-type: none"><li>• 1 Display Port</li><li>• 1 HDMI Port</li><li>• 2 USB 2.0 ports</li></ul>	<ul style="list-style-type: none"><li>• 1 Gigabit LAN port (RJ-45)</li><li>• 4 USB 3.1 Gen2 ports</li><li>• 3 Audio jacks (In/Out/Mic)</li></ul>	
Management & Security		<ul style="list-style-type: none"><li>• TPM v2.0 module</li><li>• Option: Altos Smart Server Management software</li></ul>		
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 Gold 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		<ul style="list-style-type: none"><li>• Microsoft® Windows 11 and Windows 10</li><li>• Red Hat Enterprise Linux 8</li><li>• Ubuntu Linux 20.04</li></ul>		
Regulatory Compliance	EMC	CE	FCC	BSMI(Class B)
	Safety	CB	MET	

**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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