

Altos BrainSphere™ R685 F5

Altos BrainSphere™ R685 F5 伺服器配備多達8個NVIDIA / AMD GPU，對各種不同的應用程式採用平行運算以大幅提升執行效能，如石油與天然氣、國防、金融服務、研究、製造、媒體與娛樂、3D算圖、深度學習以及關鍵任務應用程式等。

更環保且功能更強大

搭載 AMD 最新一代 7003 處理器產品系列和 DDR4 儲存技術，可在不影響功耗的情形下升級運算效能，節省不必要的資料中心冷卻成本，並且實現更高的資料中心基礎設施效率。

高質量的高效能運算

想在競爭激烈的世界中獲得成功，需要有具備極高精確度和高速運算能力的「GPU伺服器」，Altos BrainSphere™ R685 F5支援多達8張雙寬GPU卡，以AMD或NVIDIA GPGPU解決方案Altos BrainSphere™ R685 F5提供驚人運算性能，這對於加速人工智能的發展、深入學習以及在任何領域的數據分析與運算都是理想的選擇。

高擴充靈活性

Altos BrainSphere™ R685 F5 支援 PCIe 最新 Gen4 規格，其速度是前一代的雙倍，再搭配 10 個 x16 插槽，可滿足 AI 高速運算的需求。

加速 AI 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。



處理器	處理器類型	AMD EPYC™ 7003/7002 series, TDP up to 280W		
	處理器數量	2		
晶片組/儲存/網路	晶片組	SOC		
	圖形顯示	ASPEED AST2500 BMC (2D Controller)		
	IPMI	ASPEED AST2500 (2D Controller)		
	Network controller	Dual 1GbE Base-T LAN - Intel I350-AM2		
記憶體	記憶體槽	32 個 DIMM 插槽, 8 通道		
	記憶體規格	最高支援 128GB RDIMM, 256GB LRDIMM DDR4- 3200Mhz ECC DIMM		
	總記憶體容量	Up to 8TB		
擴充槽	PCIe	8 x PCI-E 4.0 x16 for up to 8 x double-width GPU		
		1 x PCI-E 4.0 x16 可利用於 4 x U.2 NVMe SSD, 或 PCIe add-on card		
		1 x PCI-E 4.0 x16		
儲存槽		最高支援 24 Hot-swap 2.5" drive bays (選配 4 個 U.2 NVMe)		
		原生支援 2個2.5" SATA (RAID 1)		
I/O 連接埠	後 I/O 連接埠	2 x RJ45 Ethernet 1Gbe ports 1 x RJ45 Dedicated IPMI LAN port 1 x VGA port 2 x USB 3.0 ports 1 x Com Port		
電源供應器	PSU ⁽¹⁾	4 x 2000W (2+2 80Plus Platinum) Redundant Power Supply		
冷卻裝置		2 x Active Heat-Sink 8 個 11500 RPM 可熱抽換系統風扇		
外觀型式	外觀型式	4U rack		
	尺寸 (高度 x 寬度 x 深度)	437mm x 178mm x 737mm		
作業系統		Microsoft® Windows Server® 2016/2019/2022		
		Red Hat® Enterprise Linux® 8 and 7		
伺服器管理/公用程式		- IPMI 2.0, KVM with dedicated LAN - Smart Console remote monitoring - Altos Smart Server Manager		
軟體		Altos BrainSphere™ AI Development Platform API		
安規及電磁檢測	電磁檢測	CE	FCC	BSMI
	安規	CB	BSMI	

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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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