

ALTOS XS1212D

ALTOS|QSAN XS1212D，12Bay 儲存區域網路是針對中小企業市場，最具成本效益的儲存系統，該儲存系統是採取 FRU (Field Replacement Unit) 所謂模組化設計，此設計提供更靈活的系統搭配，使用者可根據其需求和預算去搭配此儲存系統的配置。XS1212D 是監控和備份應用完美的解決方案，適用於有限預算且期望高效率的需求。

混合存儲

XS1212D 儲存區域網路是採用英特爾處理器，該處理器特別針對企業級和雲端儲存而設計，進一步再搭配最先進 12Gb SAS 3.0，此技術提升了傳輸速度。每個主控制器搭配了雙卡擴充槽、雙 10GbE-T 端口，一個 GbE 管理端口與及雙 12Gb / s SAS 端口 (SFF-8644)。

雙主控制器(雙主動式)儲存區域網路系統

XS1212D 採取雙主控制器架構，可同時並即時的提供儲存服務。這種雙主動式架構可以加倍提高頻寬和緩存空間，從而確保最大限度的利用系統資源及最快速的傳輸量。

模組化設計

每個主控制器都支持雙卡擴充槽，可擴展連接和擴展性能。有多種類型的擴充卡可選擇，滿足不同需求，包括 16Gb FC，10GbE iSCSI 和 1GbE iSCSI。此外還能在同一台系統中，同時混合連接 FC 和 iSCSI。在這種雙控制器模式下，系統最多可支持連接 20 端口的 10GbE iSCSI 或 8 端口的 16Gb FC。

另外，使用者可以直接透過 XS1212D 連結到多台伺服器、無需要在中間接 FC 或乙太網交換機。





處理器	處理器種類 處理器數量	Intel® D1508 Dual Processor 2 (1/controller)
主機	LAN 控制器	4 x 10GbE iSCSI RJ45 (2/Controller) 2 x 1GbE Management Port (1/Controller)
記憶體	記憶體(標配) 記憶體插槽 記憶體種類	8GB (4GB/Controller, option to upgrade to max 32GB) 4 DIMM slots (2 DIMM slot/Controller) DDR4-2400 ECC UDIMM
擴充槽	SAS 選項擴充槽 1 (PCIe Gen3 x 8) 選項擴充槽 2 (PCIe Gen3 x 4, bandwidth limit 20Gb)	4 x 12Gb/s SAS SFF-8644 (2/Controller) <ul style="list-style-type: none"> ● 2 or 4 x 16Gb FC (SFP+) ● 4 x 10GbE iSCSI (SFP+) ● 2 X 10GbE iSCSI (RJ45) ● 4 x 1GbE iSCSI (RJ45) ● 2 or 4 x 16Gb FC (SFP+) ● 4 x 10GbE iSCSI (SFP+) ● 2 X 10GbE iSCSI (RJ45) ● 4 x 1GbE iSCSI (RJ45)
I/O ports	正面 I/O ports 背面 I/O ports	1 x USB 2.0 port <ul style="list-style-type: none"> ● 4 x 10GbE RJ45 ● 2 x 1GbE RJ45 Management Port ● 4 x 12Gb/s SAS (SFF-8644) ● 4 x USB 3.1 ports ● 2 x Console ports
作業系統	OS	Storage OS, SANOS (SAN Operating System) 64-bit Linux kernel & QSAN's proprietary RAID Engine
裝置擴充槽	儲存裝置 記憶體保護	12Bay Mix & Match 3.5" & 2.5" SAS, NL-SAS, SED HDD or 12Bay 2.5" SAS, SATA SSD ((thru 6Gb MUX board) Cache to Flash (Optional)
系統電源		850W 1+1 Redundant 80+ Platinum AC Input 100-127V 10A, 50-60Hz, 200-240V 5A, 50-60Hz DC Output: +12V 63.4A, +5VSB 2.0A
冷卻裝置		2 x Hot Pluggable/Redundant Fan Modules
外觀	外觀 尺寸 (D x W x H)	機架式 19" 438 x 88 x 515 (mm)
軟體功能		<ul style="list-style-type: none"> ● Thin Provisioning - QThin ● SSD Cache - QCache (Available by Licensing) ● Auto Tiering - Qtiering (Available by Licensing) ● Volume Snapshot - QSnap ● Local Volume Clone - Qclone ● Remove Replication - Qreplica ● QSOE 2.x (Storage Optimization Engine) ● Virtualization Integration
安規	EMI	BSMI CE FCC RCM
溫度	操作溫度 運送溫度	0 to 40 °C -10 °C to 50 °C

相對濕度	操作相對濕度	20% to 80% Non-Condensing
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	非操作相對濕度	10% to 90%
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