Altos BrainSphere^{TM} S330 F6

The Altos BrainSphere^{TM} S330 F6 series storage device is designed as a premium solution for medium to large-scale IP video surveillance applications. It is suitable for monitoring systems in various settings such as banks, shopping centers, factories, warehouses, commercial establishments, residences, and both public and private enterprises. The subsystem of this storage device features continuous recording and playback functionality, ensuring a seamless experience without losing the layout of the footage.

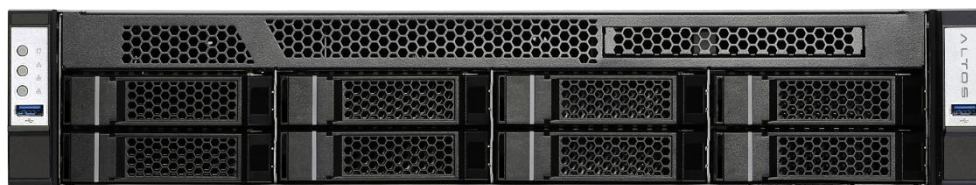## Robust and Reliable Computing

Altos BrainSphere^{TM} S330 F6 is equipped with Intel® Xeon® E-2300 processors and features a 1+1 redundant power supply, ensuring continuous and reliable server operation. This configuration is designed to maximize surveillance performance, enabling you to achieve superior results in both storage and monitoring applications.

Higher Capacity and Enhanced Design

Altos BrainSphere^{TM} S330 F6 supports the hot-swappable functionality of 8 hard drives, along with PCIe® 4.0 expansion slots, meeting high standards for computing demands in the business sector. Furthermore, the hardware RAID support for 0, 1, 5, 6, and 10 enhances data access speed and reliability, providing you with an outstanding storage solution.

Altos Video Surveillance Transmission Acceleration System

Altos BrainSphere^{TM} S330 F6, coupled with the Altos Video Surveillance Transmission Acceleration System, not only delivers outstanding high-speed video recording performance, real-time storage acceleration, and highly accurate image recognition but also stands out with its exceptional support for IP surveillance cameras. It can simultaneously support a greater number of IP surveillance cameras, providing enhanced flexibility and comprehensive deployment options in secure environments.

Specification		
Processor	Processor type	Intel® Xeon® E-2300 Processor (LGA1200), up to 8 Core / 95W TDP
	Number of Processor	1
On-board	Chipset	Intel® C252 Chipset
Memory	Memory Slot	4 DIMM Sltos
	Memory type	Max support 128GB, DDR4 2933/3200 ECC UDIMM
Expansion Slots	PCIe / PCI	1 x PCI-E 4.0 x16 slots and
		1 x PCI-E 4.0 x4 slots
	M.2	1 x M.2 2280 PCI-E 3.0 slots
I/O Port	Front I/O Port	2 x USB3.0 Type-A Port
	Rear I/O Port	2 x USB3.2 Type-A Port
		4 x USB2.0 Type-A Port
		2 x RJ45 Port
		1 x RJ45 Port(Dedicated BMC LAN Port)
		1 x VGA Port
Network		2 x 1Gb/s RJ45 Port
Drive Bays	3.5"/2.5"	8 x 3.5/2.5 SATA /SAS hot-swappable bays
		(SAS and Raid card is required to enable the SATA/SAS drives)
	Raid	Raid 0,1,5,6,10 (Options RAID card)
Management & Security	Management	AST2500, KVM with dedicated LAN
		Smart Console remote monitoring
	Security	1 TPM Header; Optional TPM 2.0 module(options)
Power Supply		2 x 550W 80Plus Platinum CRPS Redundant power supply
Form factor	Dimensions	2U (662mm x 432mm x 88mm)
OS Support	Windows	Microsoft® Windows Server 2022 /2019
	Red Hat	Red Hat 6.9/7.3
	Ubuntu	Ubuntu 18.04 64bit
Certification		EnergyStar 4.0
EMC/Safety	EMC/Safety	CE FCC BSMi
		CB BSMI