

CxSR5502

Versatile Server Hardware for VMS & VA Applications

Key Features

- ❖ Supports Intel Xeon Scalable Processor
- ❖ Minimum 8 cores for VMS and scalable up to 16 cores per CPU for VA
- ❖ DDR5 ECC RAM starting from 32 GB, scalable up to 256 GB
- ❖ SSD-based storage with RAID 0/1/5 support
- ❖ Support for up to 2 GPU cards for VA deployment
- ❖ Dual redundant hot-swappable power supply
- ❖ Integrated 1G and 10G network interfaces
- ❖ Standard 19" rackmount design (1U / 2U)



Product Overview

High Performance, Reliable & Scalable solution for Video Surveillance

The CxTEK Server is based on high-performance server technology, offering dual Intel® Xeon® Processors combined with our award-winning RAID-6 engine, developed to support large video streams. CxTEK SR5502 servers are certified to run with all major video management software, offering support for more cameras per Recording Server and longer retention capabilities than any other competitor in its class.

The server is designed for small businesses up to large enterprises that need industry-leading reliability, management, and security, as well as maximizing performance and flexibility for future growth. The SR5502 server is designed to handle a wide range of workloads, such as databases, virtualization and cloud computing, virtual desktop infrastructure (VDI), enterprise applications, collaboration/email, and business analytics and big data.

SPECIFICATIONS

Model	CxTEK - CxSR5502
Chassis	2U up to 12 bay Rack mount Chassis with Heavy Duty Sliding Rail Kit with RPS
Cooling Fans	2/3 Hot Swappable Fan
Power Supply	2x550W/2x800W Gold/Platinum Series
CPU	Supports 2nd/3rd Gen. Intel Xeon Scalable Processors
Core	2 * 24 Core, 96 Threads, 2.5GHz
Server Motherboard	Intel C Series Motherboard
Memory	Supports DDR4 2933/2666/3200 RDIMM/LR DIMM
Max. Capacity per DIMM	RDIMM: 32GB, 16GB/ LRDIMM 64GB, 32GB
Internal Storage	12 TB HDD for FRS DB, Snapshot and other Data
SATA/SAS Storage	Supports 8 x SATA3 6.0 Gb/s by Intel C(including 2x SATA DOM ports and 2x SATA switch w/1xM.2 NVME ports)
PCIe Expansion Slot	Supports 2/3/4x PCIe3.0x16, 1/2x PCIe3.0x8
LAN Port	4/2 x RJ45 GLAN, 1 x RJ45 Dedicated IPMI LAN port
Controller	ASPEED AST2500
Video Port	1 x VGA
Graphic Card	4 x Nvidia L4(24GB)
USB 3.0 Port	2 x 3.0 Port (Rear Side).
Front Panel	2 x USB 2.0, DVD R/W/ External DVD
Raid Controller	Hardware Raid Controller / 8Port/12GBPS 1GB Cache
Backplane	6GB SATA Hot-swappable 6GB/12GB Mini SAS Hot-swappable
Operations	Suitable for 24x7 Operations
Temperature	Operation temperature: 10°C ~ 35°C
Humidity	Humidity: 20% ~ 80%
Warranty	3 years/ 5 Years

Ordering Information

CxSR5502 BIS Approved Model	2U Chassis with 8 HS bay, 550W RPS, ODM Gigabyte Motherboard, Intel 12 Core and 24 Threads Processor with Heat Sink, 1*16 GB RAM, 4*960 GB SATA HDD, 1* RAID Card with 2BG Cache, 1* Dual Port 1G NIC
	2U Chassis with 8 HS bay, 550W RPS, ODM Gigabyte Motherboard, Intel 12 Core and 24 Threads Processor with Heat Sink, 1*8 GB RAM, 4*960 GB SATA HDD, 1* RAID Card with 2BG Cache, 1* Dual Port 1G NIC, 1*NVIDIA 1000 8GB GPU
	2U Chassis with 8 HS bay, 550W RPS, ODM Gigabyte Motherboard, Intel 12 Core and 24 Threads Processor with Heat Sink, 1*16 GB EEC -DIMM, 4*960 GB SATA HDD, 1* RAID Card with 2BG Cache, 1* Dual Port 1G NIC, 1*NVIDIA 1000 GPU