TVT

Secure The World With You

Storage Server



TD-S316E-E

TD-S316E-E is a 16-disk enterprise mass storage server specially designed for video surveillance industry. It adopts the latest intel C232 chipset, integrated intel Xeon E3-1220V5 high-performance multi-core processor and assorted advanced data processing and transmission technologies. Due to its low cost, simple deployment, flexible expansion, powerful performance, user-friendly interface design, good compatibility and high reliability, abundant data storage and strong management capability, it can meet the requirements of various large and medium sized video surveillance systems.

It can be widely used in security cities and intelligent cities, including banking, transportation, public security, enterprise and public institution and so on.

en.tvt.net.cn

For more information, please visit our website

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Storage Server

Specifications

CPU	Intel Xeon Processor E3
OS	Linux
Memory	8GB DDR4 ECC, up to 64GB DDR4 ECC memory
HDD	3.5 inch SATA x 16 (hot-pluggable)
HDD Installation	Independent HDD bracket
Capacity	Up to 256TB (max.16T per HDD)
RAID	Hardware RAID; support RAID0, 1, 5, 6, 10
Expansion	1*PCI-E3.0x16(x8);1*PCI-E3.0x8;1*PCE-E3.0x8(x4)
Network Card	Integrated I210-AT dual gigabit network cards, load balancing and if one is offline, the other will replace
IPMI	ASPEED AST2400 BMC, independent IPMI interface; support iKVM
Monitor Control	Integrated display controller
Protocol	Support TCP / UDP / RTSP protocol
Search	Built-in index, accurate to second-level
Performance	Up to 800Mbps incoming, 800Mbps recording and 96Mbps playback Up to800Mbps incoming, 800Mbps recording and 96Mbps live view
Way of Management	WEB management, seamless access to NVMS
Capability of Management	RAID management, record management, system log as well as alarm processing
Security	Supply TPM interface; TPM module installation supported
Interface	1× VGA, 6× USB(4 in the real panel and 2 in the front panel), 2× RJ 45, 1× IPMI, 1× RS 232
Power Supply	550W 1+1 redundant power supply, 100~240V-7~3.4A / 50~60Hz
Temperature	Working: 10°C to 35°C; standby: –40°C~+55°C(ambient)
Relative Humidity	Working: < 90% RH(35°C)
Noise	Working: < 50Dba
ESD	Each item conforms to Intel ambient temperature test standard 15KV

Available Accessories

3U/4U common rails

Features

High Performance

- Integrated Intel Xeon E3-1220V5 high-performance 4 core processor, up to 8GT/s data transfer rate, 64 bit expansion, I/O acceleration, Turbo, Hyper-Threading Technology
- 4 memory card slots, up to 64GB DDR4-1866/2133MHz ECC
- 2 gigabit Ethernet ports; supports I/OA technology; supports link aggregation and binding redundancy; supports iKVM;IPMI×1
- 12Gbps SAS Expander, 12Gbps RAID card (RAID0,1,5,6, 10 supported)
- Adpots 6 GB SAS expander chip

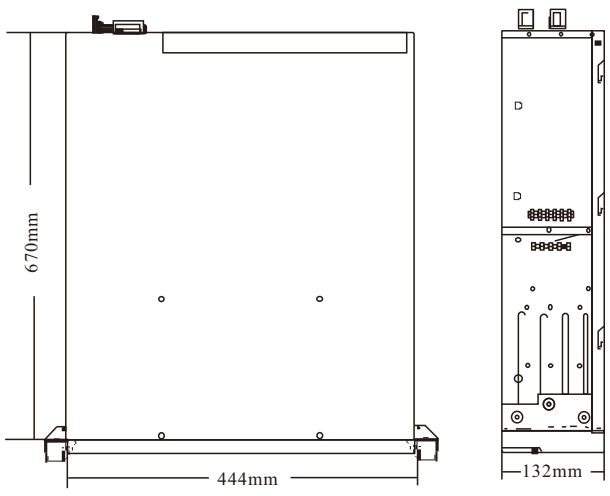
High Reliability

- 16 *3.5 inch hot-pluggable HDD slots, up to 256TB
  3 control expansion slots: 1*PCI-E3.0x16(x8);1*PCI-E3.0x8;
- 1*PCE-E3.0x8(x4)
- 550W 1+1 redundant power supply
- Support hot backup (fail-over) via the management server

Easy to Manage

- Monitoring various status of the storage server, such as connection status, network status, hardware status and so on; judging the fault level according to the buzzer sound; timely recording event information and operation logs of the device; providing full solution of real-time monitor and alarm of the device
- Independent IPMI interface; supports iKVM, remote startup and shutdown and software installation services
- Provide TPM interface which supports TPM standard security chip, so that the device can be protected effectively in case of the illegal user access
- Embedded device access and transfer modules without extra transfer server access
- Its transfer server doesn't rely on platform, so the recording will not be interrupted even if the network of the platform server is disconnected

Dimensions



*All pictures and specifications are for reference only and are subject to change without prior notice.