



# SE426 EnterpriseServer

## Features

### PREDICTABLE PERFORMANCE

A powerful appliance with a finely-tuned OS, designed for video processing and recording. Award-winning technologies include VSOP Video Stream Optimisation delivering smooth video recording and playback. This eliminates disk fragmentation and the resulting frame loss for continuous write performance.

### OPEN PLATFORM

All major OS and Video Management Software can be easily integrated and pre-loaded, having been pre-tested and qualified.

### CHOOSE YOUR SOFTWARE

Your preferred video analytics software can be pre-loaded and ready to run at installation. These include facial recognition, abnormal behavior detection, suspect tracking, mobile information and incident management, Cybersecurity and more, to further empower your solution.

### PERFORMANCE MONITORING

Manage and track video assets for one or more sites and receive actionable information about the video network infrastructure. Continuous diagnostics including alerts, advisories, and daily status reports of server, storage, switches, camera and infrastructure disruptions help prevent issues and ensure maximum uptime.

### QUICK TO INSTALL

The EnterpriseServer can be installed in just a few minutes as all the integration work and testing has already been done. It just needs to be plugged in and configured to your project needs.

- Ultra-high performance with onboard software analytics
- Fully scalable and supports a large number of HD cameras
- Designed to record to external storage as part of larger surveillance infrastructure solutions
- Award-winning technologies

### Simply Smarter

The EnterpriseServer SE426 is a video-optimised application server, designed to interface with video-optimised, shared external storage such as the Intrinsa EnterpriseStorage ST350, to eliminate the need for commodity IT servers and storage.

### Tested & Certified

The Intrinsa Technology Labs continually test and certify cameras, VMS systems, NVRs and other applications for use with Intrinsa products for physical security's real-world demanding requirements. This allows for risk-free integration, without the complications of products that are not designed for physical security.

### Faster & More Powerful

The SE426 combines the dual high-performance Intel® Xeon® E5-2620 v4 eight-core processors with up to 3.0 GHz clock speed and 16GB DDR4 2133 MHz ECC memory. Its high bandwidth connectivity and unmatched LAN connectivity with 4 GbE ports and an option of 10 GbE, gives it the speed and responsiveness for the unique performance requirements of video surveillance infrastructure.

### Fully Protected

We provide advanced RAID technologies which eliminate disk drive failure - the number one cause of lost video and downtime. Disk drives are hot swappable without interruption in service or loss of data. The second most common failure is power supplies. The SE426 eliminates this by providing dual redundant power supplies. The SE426 only uses ECC RAM and video being stored and transferred within the system is protected.

### Flexible & Scalable

Choose from a server with two SSD drives for the OS in RAID 1 configuration and options of up to 4 SSD drives with a capacity ranging from 120GB to 6TB. This is a perfect configuration for a VMS live database. The SE426 delivers simple, reliable performance to suit all your VMS application needs including recording, failover, archiver, directory and database servers.

## Contact Info

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## Specifications

### Core Technology

CPU Type	Dual Intel Xeon E5-2620 v4 Broadwell (2.1-3.0 Ghz)
Socket	2 x Socket 2011 v3
Core Logic	Intel® C612 Chipset
Benchmark/Clock speed	17024/2.1 GHz
Memory size	16GB(2x8GB)
Memory type	DDR4 2133 ECC
Video Storage Performance	Up to 300Mbps

### Expansion

Expansion Slot	1
Slot Type	1 x PCI-E x16

### Storage

HDD Bays	2 x 2.5" and 4 x hot swap 2.5"
Drive support	120GB to 6TB SSDs
RAID	0, 1 and 10

### Ethernet

Data	4 x GbE (Intel® i210) Optional 2x 10GbE Intel X540
Management	1 x GbE (i210)

### Video

Onboard Graphic	ASPEED AST2400
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### On Board I/O

	2 x USB 3.0 (front) and 2 x USB 3.0 (rear) 1 x D-Sub (1x rear) 1 x Serial Port (COM1) (w/ 1x HDMI to DVI Adp. & 1 MDP to D-Sub Adp.)
Management Solution	Remote IPMI support

### Compliance

Safety	US/Canada (UL1950-CSA950) Europe (CE, EN55022 compliance to EU Directive 89/366/EEC & TUV)
EMI	US (FCC , CFR47 Part 15, Class A) Europe (CE, EN55022 class A & EN55024)

### Physical Characteristics

Server dimensions (in./mm)	24" x 19" x 1.75" / 625 x 482.6 x 44.4 mm
Server weight	32.6lbs / 14.8kg
Shipping weight	39.2lbs / 17.8kg
Box dimensions	32.5" x 23.5" x 6" / 825.5 x 597 x 152 mm

### Power

Voltage	Dual redundant 1+1 100 - 240 VAC
Watts	750W 80 PLUS Platinum

### Operating Environment

Operation temperature	Designed for 24x7x365 Operation 10°C to 35°C
Non-operation temperature	-40°C to 70°C
Humidity	20% to 90% (non-condensing)
Operating altitude	0 to 10,000ft / 0 to 3000m

