



# IntranSA ServerBlade SB424

## Features

- High density
- Optimised for Physical Security
- For large video installations with a high number of cameras
- Designed to record to external storage as part of a larger surveillance infrastructure solution

### PREDICTABLE PERFORMANCE

A powerful appliance with a finely-tuned OS, designed for video processing and recording. Award-winning technologies include VSOP Video Stream Optimization 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.

### ServerBlade with Unmatched Density

This modular server system comes in a 2U 4-node configuration in a single rack mount platform, providing unmatched performance. Unlike the typical single server in 2U, the IntranSA ServerBlade series packs 4 servers into 2U, saving you space and reducing cost. Each appliance can integrate with VMS (Video Management Software), recording, failover, database management, archive and access control servers in a high-density system. This significantly reduces cost, requires far less cabling and has less complexity. This also greatly lowers the total cost of ownership.

### Faster & More Powerful

The ServerBlade series is a powerful modular system, combining Dual high performance Intel® Xeon® E5-2603 v4 processors and 16GB DDR4 2400 MHz ECC memory. Its high bandwidth connectivity gives it the speed and responsiveness for the unique needs of video surveillance infrastructure.

### Tested & Certified

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

### Fully Integrated Solution

IntranSA products deliver the best possible platform for easy to deploy video surveillance. Our range of high performance appliances includes recording, viewing/monitoring and administration servers, along with our high performance ST350 EnterpriseStorage appliance. The ServerBlade series is designed for optimal use with other IntranSA products for a complete physical security solution that fits your business needs.



**Simple,  
Powerful and  
Optimised for video**

## Features

### 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.

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**All Intransa products are proudly manufactured in the USA**

## Specifications

### Core Technology

#### per node

CPU Type	Dual Intel Xeon E5-2603 v4 Broadwell (1.7 Ghz)
Socket	2 x socket 2011 v3
Core Logic	Intel® C612 Chipset
Bench Mark/Clock speed	11081/3.5Ghz
Memory size	16GB (Expandable up to 64GB)
Memory type	DDR4 2400 ECC DIMM
Video Storage performance	Up to 320Mbs/40MBs

### Storage per node

Drive support	Dual 120 RAID 1 protected SSDs 2x OS and 2x data SSD 240, 480 and 960GB
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### Networking per node

Data	4 x GbE or 2x 10GbE
Management	1 GbE IPMI
Graphic	Aspeed AST2400 64MB
HD Graphic	GT1030 2GB DDR5
Benchmark performance	2287
On-Board I/O	VGA optional DVI-D and HDMI 1 x USB 2.0 ports (front)

### Compliance

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

### Physical Characteristics

Dimensions (in./mm)	750mm (D) x 441mm(W) X 86mm (H)
Weight	64lbs/29kg
Power	Dual 1+1 Redundant Power supplies
Voltage	110/220V AC
Watts	1200w 80Plus platinum
Operating Environment	Designed for 24x7x365 operation
Operation temperature	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