



# AS443 AnalyticServer

## Key Features

- High density, with onboard software analytics
- A powerful and fully integrated solution that is optimised for video surveillance.

### 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.

### Accelerated performance

The IntranSA AnalyticServer provides ultra-high performance computing and delivers the highest density platform in the market. Optimised for the demanding workload of Video Analytics, its GPU enables it to outperform a normal CPU by over 10x making it very cost-effective.

### Faster and more powerful

The AS443 is a modular system, combining high performance Intel<sup>®</sup> Xeon<sup>®</sup> E5-2620V4 2.1-3.0GHz processors with 16 GB DDR4 2133 MHz ECC memory. Its high bandwidth connectivity gives it the speed and responsiveness to deliver on the specific performance requirements of your video surveillance infrastructure solution.

### Fully integrated solution

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



**Simple,  
Powerful and  
Optimised for video**

## Features

## Specifications

### QUICK TO INSTALL

The AnalyticServer 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.

For more information contact:

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Version 1.5

### Core technology

CPU Type	Intel Broadwell Xeon E5-2620V4 2.1-3.0GHz
Socket	2 x Socket 2011 v3
Core Logic	Intel® C612 Chipset
Bench Mark/Clock speed	11386/2.10GHz
Memory size	16GB (Expandable up to 128GB)
Memory type	DDR4 2133 ECC DIMM
Expansion Slots:	4
Slot Type:	3x PCIe 3.0/2.0 x16 (x16/x8) 1x PCIe 3.0/2.0 x16 (x8 mode)
Optional HD graphics cards	Up to 2 GPUs per server
Onboard graphics	Aspeed AST2400
GPU HD Graphics Cards	GeForce GTX 1080 8GB
Graphic performance	12695 per GPU

### Storage

Drive support	2x 240GB SSD
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### Networking

Data	3 x GbE + Shared IPMI
Graphic	Aspeed AST2400 64MB
On Board I/O	8 x USB 3.0 ports (2 front and 6 rear) 3x USB 3.0 (rear) and 2x USB 3.0 (front) 1 x VGA 1 x PS/2 combo mouse port & keyboard port 1 x DB9 serial 1x ID button and LED

### 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

Server dimensions (in./mm)	31.50" x 17.32" x 1.73" (800 x 440 x 43.9mm)
Server weight	33.2lbs / 15kgs
Total weight	57.6lbs / 26.1kgs
Box dimensions	43" x 24" x 11" (1092 x 610 x 279mm)

### Power

Power	Single
Voltage	220V AC
Watts	Up to 1600, 300 typical
Warranty	3 years

### Operating Environment

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