



Simple,
Powerful and
Optimised for video



Intrinsa ServerBlade series

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 behaviour 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.

- High density SB322/SB622/SB722
- 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

ServerBlade with Unmatched Density

This modular server system comes in a 1U 3 node, 2U 6 node and a market-leading 3U 12 node configuration in a single rack mount platform, providing unmatched performance. Unlike the typical single server in 2U, the Intrinsa Server Blade series packs 6 servers into the same 2U space, providing unmatched rack density and reducing cost. Each appliance can integrate with VMS (Video Management Software), recording, fail over, 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 Server Blade series is a powerful modular system, combining high performance Intel® Xeon® E3-1230v6 processors and 8GB DDR4 6 servers into the same 2U space, providing unmatched rack density and reducing cost. MHz ECC memory. Its high bandwidth connectivity gives it the speed and responsiveness for the unique performance requirements of video surveillance infrastructure.

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.

Fully Integrated Solution

Intrinsa products deliver the best 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 Intrinsa products for a complete physical security solution that fits your business needs.

Features

QUICK TO INSTALL

The ServerBlade 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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Specifications

Core Technology per node

CPU Type	Intel SkyLake Xeon E3-I230 v63.5-3.9GHz
Socket	LGA1151
Core Logic	Intel® C222 Chipset
Benchmark/Clock speed	I108I/3.5GHz
Memory size	8GB (Expandable up to 128GB)
Memory type	DDR4 2400MHz ECC DIMM
Video Storage Performance	Up to 320Mbps / 40MBs

Storage per node

Drive support	Dual 120 RAID 1 protected SSDs
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Networking per node

Data	4 x GbE + 1 GbE Shared IPMI
Graphic	Aspeed AST2400 64MB
On Board I/O	2 x USB 3.0 ports (rear)

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)	800mm(D)* 448mm(W) 1U - 43.5mm (H) 2U - 84mm (H) 3U - 132mm (H)
Weight	1U - 25lbs / 11.3kgs 2U - 42lbs / 19kgs 3U - 55lbs / 24.9kgs
Power Voltage Watts	Dual 1+1 Redundant Power supplies 110/220V AC 1U - 500W gold 2U - 800W platinum 3U - 1600W 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