



# Storage Video Server – RS2 Series



STORAGE VIDEO SERVER

Compact 1U server solution for Video Surveillance. In the history of the surveillance industry, there has never been more focus on Quality, Reliability and Cost Efficiency when it comes to selecting products for surveillance projects. Fibrenetix Storage Video Server (RS2 Value Point Series) has been designed to meet these ever-growing needs.

## NVR, Playback Server, VMS Management Server or Recording Server

The RS2 Value Point Series is a compact and versatile 1U, 4-bay server based around high-performance server technology, with Intel® Xeon® processor E-2100 family, Intel® Xeon® processor E-2200 family, The 8th/9th generation Intel® Core™ i3/Pentium®/Celeron® and award-winning RAID-5 engine, to deliver enterprise-level performance. It is ideal as a VMS Management server and a low space recording server, offering between 16 and 64 Terabytes of storage capacity.

The Fibrenetix RS2 Series has been certified to run with major IP video management software, offering support for up to 150+ cameras per server and longer retention capabilities than any other competitor in its class.

## Ultra-dense Formfactor

The RS2 Value Point Series offers a single CPU, up to four DDR4 memory, two PCIe expansion slots (8 and 16 bits) and two PSU modules in a 1U high, 600mm deep enclosure. This ultra-compact formfactor enables the server to be deployed in almost any SMB or datacenter environment.

## Features:

- Compact 1U server with onboard OS
- Windows 10 Enterprise 64-bit or Windows 2016 Server (optional)
- 16GB memory as standard, upgradeable.
- High performance Intel® Xeon® E2100, E-2200 family, 8th/9th generation Intel® Core i3/Pentium/Celeron® Processor
- Dual 256GB M.2 drives in RAID 1 for Applications & OS.
- 4 x 3.5" HDD bays for up to 80TB of data
- Optional hardware RAID Controller or GPU Card
- Dual, highly efficient PSUs

## Applications:

- CCTV Enterprise Class
- Media & Entertainment
- Medical
- Data Center
- BIG DATA and Cloud Business

# Storage Video Server - RS2 Series



Data sheet

## Technical Specifications

Product Category	Storage Video Server RS2 Series
Processor	Intel® Xeon® processor E-2100, E-2200 family, The 8th/9th generation Intel® Core™ i3/Pentium®/Celeron® Processor
Number of CPUs	1x Socket LGA1151
Maximum Core per CPU	8
Core Logic	Intel® C242 Chipset
Memory	32GB UDIMM, up to 128GB UDIMM
OS Storage (M.2 Connectors)	2x M.2 256 GB SSD
Storage Bays	4x Hot-swap 3.5" HDD Bays
Max. HDD Capacity Supporter	20TB
Maximum Raw Storage Capacity	80TB
Max Capacity – Incl. Expansion	10.24PB (via IP SAN)
Hardware RAID Levels	0, 1, 5, 10
Optional 10GBps Support	Yes
Network	2x Intel® I210AT + 1 Management LAN
Graphics (Standard)	Aspeed AST2500 32MB VRAM
Auxiliary Storage FDD/CD/DVD	–
I/O Ports	2x USB 3.1 Gen 2 ports 2x USB 3.1 Gen 1 ports 1x VGA port 4x GbE LAN + 1 x Mgmt LAN 1x External Port
Hot-swap Components	HDDs, PSUs
Operating System	Windows 10 Enterprise 64-bit Windows 2016 Server (Optional)
Management Solution	On-board ASMB9-iKVM for KVP-over-IP
Power Supply	1 + 1 Redundant 450W 80PLUS Gold Power Supply
Voltage	100-127/200-240Vac, 8A/4A, 47-63Hz, Class 1
Dimensions – mm (D × W × H)	615mm x 444mm x 44mm (1U)
Net Weight (CPU, DRAM, HDDs, GPUs not included)	12.87 Kg
Environment	Operation temperature: 10°C ~ 35°C Non-operation temperature: -40°C ~ 70°C
Relative Humidity (%)	Non-operation humidity: 20% ~ 90% (Non-condensing)
Accessories	2x Power Cords, Warranty Card, Quick-User Guide
Certification	BSMI, CE, RCM, FCC(Class A)
Warranty Period	3 Years
BTU/hr	1,538.64

\*Specifications are subject to change, without prior notice.