

# SecuriStore R2312<sup>SPv1</sup>

2U high-performance  
server/storage  
system for IPCCTV  
and security



## HIGHLIGHTS

### PROCESSOR

- Intel Xeon Scalable processors
- Up to 3.6GHz CPU clock speed
- Intel C624 server chipset

### MEMORY

- Up to 1.5TB DDR4 ECC memory
- Six-channel memory architecture

### SCALABILITY

- 12x hot-swap 3.5" or 2.5" HDDs
- RAID level 0, 1, 5, 6 & 10/50/60 support

### RELIABILITY

- Error correction memory
- Full RAID protection against drive failure
- Optional hot-spare HDD

### MANAGEMENT

- HW remote management - iKVM/ IPMI
- Microsoft Windows & Linux OS support

### EFFICIENCY

- < 400W typical power
- Adaptive cooling
- Intelligent drive spin-down
- Low power CPU options
- Redundant 80 PLUS efficient PSUs

### CAMERA

- 1080P (H.264) IPCCTV models supported
- Suitable for 64+ IP camera installs (HD)

Speak with a sales representative today, for specification and pricing details for a solution to suit you

## High-end solution

Introducing the SecuriStore R2312<sup>SPv1</sup>; a hugely powerful 2U rack mounted server/storage system designed specifically for high-end security and IPCCTV markets.

Building on our existing SecuriStore platforms, this higher-end solution delivers an increase in processing power and storage capacity/I/O with additional features to better support larger IPCCTV sized installations.

## Compact 2U rackmount platform

The SecuriStore R2312<sup>SPv1</sup> is engineered from the ground up to deliver high levels of performance and rock solid reliability.

Manufactured using 100% enterprise-grade server technology, each SecuriStore R2312<sup>SPv1</sup> features Intel® Xeon® Scalable processors (1-2x supported), error correction code (ECC) memory, solid state drives (SSD), dedicated hardware RAID (with support for 12x hot-swap 3.5" data storage drives), and redundant power supplies. All housed in a compact 2U rackmount platform.



## Supporting the latest HD cameras

Supporting a wide variety of digital Video Management Software (VMS) applications using a Microsoft Windows or Linux OS platform, and the latest Full HD IP cameras (1080P with H.264 compression), the SecuriStore R2312<sup>SPv1</sup> is perfect for larger-sized security installations where platform performance, hard disk I/O, expansion and reliability cannot be compromised.

## Technical specification

Processor Support	One or two Intel Xeon Scalable processors
Memory	1.2V DRAM – registered 2666MHz DDR4 – max 1.5TB
Graphics	Integrated graphics - 1x VGA output
Network	2x Intel Gigabit controller 10/100/1000Mb/s RJ45
Hard Disk Support	SSD, 7,200/10,000/15,000rpm SATA + SAS 3.0, 6.0Gb/s & 12
No. of HDD Supported	Max 12x (12x hot-swap 3.5")
Hot-swap Drives	12 Port SAS/SATA backplane
RAID Level Support	0, 1, 5, 6 + 10/50/60 – dedicated HW controller
Max. Data Storage	144TB – 12x 12TB storage drives
iSCSI/SAN Support	Optional
Front Panel	Power on/off, reset, power LED, HDD activity LED, fault LED
Ports	2x USB 2.0 (rear) , 2x USB 3.0 (rear)– 1x RS232 (COM)
Audio	None
Management	Remote management (iKVM) with dedicated RJ45 port
Operating System	Microsoft Windows (desktop & server) & Linux
Control	Remote iKVM or USB keyboard/mouse
Power	Typical <400W (dependent on spec.)
Power Supply	AC 100~240V, 50/60 Hz - 750W redundant - 80 PLUS efficient
Security	Chassis intrusion
Dimensions	710x430x87mm D x W x H
Warranty	36M (extended warranty available)



Microsoft

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L I N U X

## 25 and going strong

For more than 25 years, Exertis Hammer has been synonymous with value-add. Originally founded in 1991, Hammer became a subsidiary of Exertis in 2016, subsequently changing its name to Exertis Hammer in 2018. Our approach to storage, servers and end-to-end IT solutions sets us apart, and every element of our business is built upon this ethos.

We thrive on not just meeting, but exceeding the expectations of:

- Our vendors, in how we collaborate with them and develop new opportunities for them.
- Our partners, in the relationships we build, the expertise and diligence we present, and the business advantage we afford them.
- End-users, in the advice and business-enhancing systems our partners' provide, whether fully-bespoke, brand-led, cost-led or anywhere in between.

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