

MPN: SR-1X54R-HW-WS

**1U 4 Bay Server: Xeon 6357P, 32GB
RAM, 2x500GB, 9361 RAID, 2x1GbE,
IPMI, TPM, dual 300W PSU, Windows
Server 2025 STD – Suitable for up to 50
4MP cameras @25 FPS**

1U 4 Bay Server - Suitable for up to 50 4MP cameras @25 FPS
This compact and versatile 1U server features an Intel Xeon 6357P processor, 32GB RAM, dual 500GB OS SSDs. Configured with a 9361 RAID controller for data redundancy and performance on the 4 front drive bays, and dual 1GbE network ports. It includes IPMI for remote management, TPM for enhanced security, and dual 300W redundant power supplies. Pre-installed with Windows Server 2025 STD, it's ideal for secure, high-availability deployments in space-constrained environments.



- Short depth: 54CM
- Xeon 6357P CPU - 3.0-5.4GHz - 8C/16T
- Dual 1GbE NICs + dedicated IPMI NIC
- 2x 500GB SSD RAID1 OS drive
- Windows Server 2025 Standard Preinstalled.
- Support for up to 4x 3.5" hot swap HDDs with HW RAID support
- Rails included
- To reduce waste only Euro CEE 7 to C13 power cables are included.
- Suitable for up to 50 4MP cameras @25 FPS

Specifications

Certificates	NDA Compliance	Yes
Design	Chassis type	Rack
	Cooling type	Active
	Product colour	Black, Silver
	Rack mounting	Yes
	Rack rails	Yes
Graphics	Number of displays supported (on-board graphics)	1
	On-board graphics card	Yes
	On-board graphics card 4K support	Yes
	On-board graphics card model	Aspeed AST2600
Memory	Internal memory	32 GB
	Internal memory type	DDR5
	Maximum internal memory	128 GB
	Memory data transfer rate	4400 MT/s
	Memory layout (slots x size)	2 x 16 GB

Memory	Memory slots	4
Network	Ethernet interface type	Gigabit Ethernet
	Ethernet LAN	Yes
	LAN controller	Intel® I210-AT
	Number of LAN controllers	2
Other features	Dimensions (WxDxH)	430x537.55x43.3 mm
	Integrated BMC with IPMI	Yes
	Integrated LAN	Yes
	RAID controller type	Hardware (Storage drives)
	Warranty period	3 year(s)
Performance	BIOS type	UEFI AMI
	Trusted Platform Module (TPM)	Yes
	Trusted Platform Module (TPM) version	2.0
Ports & interfaces	Ethernet LAN (RJ-45) ports	2
	USB 2.0 ports quantity	4
	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	4
	VGA (D-Sub) ports quantity	1
Power	Number of main power supplies	2
	Power supply	300 W
Processor	Cache internal	24 MB
	Motherboard chipset	C266
	Performance cores	8
	Performance-core base frequency	3 GHz
	Performance-core Max Turbo Frequency	5.4 GHz
	Processor cores	8
	Processor family	intel® Xeon® 6 processor
	Processor manufacturer	Intel
	Processor model	6357P
	Processor socket	LGA 1700
	Processor threads	16
Software	Operating system installed	Windows Server 2025
	Operating system language	English
Storage	Hot-swap	Yes
	Number of HDDs supported	4
	Number of SSDs installed	2
	SSD capacity	500 GB
	SSD size	2.5"
	Supported HDD sizes	2.5, 3.5 "

Storage	Supported storage drive interfaces	M.2, Serial ATA III, SAS
	Total storage capacity	500 GB
Technical details	Supported RAID configuration	0, 1, 5, 6, 10
Vendor information	Brand Name	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	5 Year(s)

Other images

