

MPN: SR-1X54R-A4-WS

1U 4 Bay Server - Xeon 6357P, 16GB,
2x500GB, A400, 2x1GbE, IPMI, TPM,
2x300W, Windows Server 2025 STD

1U 4 Bay Server

Powered by an Intel Xeon 6357P CPU, this 1U server features 16GB RAM, dual 500GB drives, NVIDIA A400 GPU, and dual 1GbE ports. With IPMI for remote management, TPM for security, redundant 2x300W power supplies, and Windows Server 2025 Standard pre-installed, it's designed for reliable, secure, and high-performance applications in a compact form factor.



- 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 SW RAID support
- Nvidia A400 GPU with 4x mini DisplayPort 1.4a
- Rails included
- Suitable for up to 50 4MP cameras @25 FPS depending on storage configuration
- To reduce waste only Euro CEE 7 to C13 power cables are included.

Specifications

Certificates	NDAA Compliance	Yes
Design	Chassis type	Rack
	Cooling type	Active
	Product colour	Black, Silver
	Rack mounting	Yes
	Rack rails	Yes
Graphics	Discrete graphics card	Yes
	Discrete graphics card memory	4 GB
	Discrete graphics card model	Nvidia A400
	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	16 GB
	Internal memory type	DDR5
	Maximum internal memory	128 GB
	Memory data transfer rate	4400 MT/s
	Memory layout (slots x size)	2 x 8 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	Software
	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
	Mini DisplayPorts quantity	4
	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
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
	Total storage capacity	500 GB
Technical details	Supported RAID configuration	0, 1, 10
Vendor information	Brand Name	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	5 Year(s)

Other images

