

MPN: SR-2U58R-HW

**2U 8 Bay Server: Ultra 5 225, 16GB RAM,
2x1TB NVMe, 9361 RAID, 1x2.5GbE,
1x10GbE, IPMI, TPM, dual 800W PSU,
Win11 Pro – powerful and scalable.**

2U 8 Bay Server

This high-performance 2U server features an Ultra 5 225 processor, 16GB RAM, dual 1TB NVMe OS drives. 9361 RAID for speed and redundancy on the 8 front drive bays, and both 2.5GbE and 10GbE network ports for flexible connectivity. With IPMI for remote management, TPM for security, redundant 2x800W power supplies, and Windows 11 Pro pre-installed, it's ideal for demanding, scalable enterprise workloads.

- Short depth: 58CM
- Ultra 5 225 CPU - 3.3-4.9GHz - 10C/10T
- 1x 2.5GbE + 1x 10GbE NICs + dedicated IPMI NIC
- 2x 1TB Samsung PCIe 4.0 NVMe RAID1 OS drive
- Support for up to 8x 3.5" HDDs with HW RAID
- Windows 11 Pro preinstalled
- Suitable for up to 80 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
Expansion slots	PCI Express x16 (Gen 5.x) slots	2
	PCI Express x4 slots	1
Graphics	Number of displays supported (on-board graphics)	3
	On-board graphics card	Yes
	On-board graphics card 4K support	Yes
	On-board graphics card family	Intel Arc Graphics
	On-board graphics card model	Intel Arc Graphics
Memory	ECC	No
	Internal memory	16 GB
	Internal memory type	DDR5
	Maximum internal memory	256 GB
	Memory data transfer rate	4800 MT/s
	Memory layout (slots x size)	2 x 8 GB

Memory	Memory slots	4
Network	Ethernet interface type	2.5 Gigabit Ethernet, 10 Gigabit, Gigabit Ethernet
	Ethernet LAN	Yes
	LAN controller	Intel I225-V, Marvell AQtion AQC113C
	Number of LAN controllers	2
Other features	Integrated BMC with IPMI	Yes
	Integrated LAN	Yes
	RAID controller type	Hardware
	Warranty period	3 year(s)
Performance	Trusted Platform Module (TPM)	Yes
	Trusted Platform Module (TPM) version	2.0
Ports & interfaces	Ethernet LAN (RJ-45) ports	2
	HDMI ports quantity	1
	HDMI version	2.1
	USB 2.0 ports quantity	2
	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	6
	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
	VGA (D-Sub) ports quantity	1
Power	Number of main power supplies	2
Processor	Cache internal	22 MB
	Efficient cores	4
	Efficient-core base frequency	2.7 GHz
	Motherboard chipset	Z890
	Performance cores	6
	Performance-core base frequency	3.3 GHz
	Performance-core Max Turbo Frequency	4.9 GHz
	Processor cores	10
	Processor family	Intel® Core™ Ultra Processor
	Processor manufacturer	Intel
	Processor model	225
	Processor socket	LGA 1851 (Socket VI)
	Processor threads	10
Software	Operating system installed	Windows 11 Pro
	Operating system language	Multilingual
Storage	Number of HDDs supported	8
	Number of SSDs installed	2
	Number of SSDs supported	4

Storage	NVMe	Yes
	RAID controller cache	1 GB
	RAID levels	0, 1, 5, 6
	SSD capacity	1 TB
	SSD size	M.2
	Supported HDD sizes	2.5, 3.5 "
	Supported storage drive interfaces	M.2, SAS, Serial ATA III
	Total storage capacity	1 TB
Vendor information	Brand Name	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	5 Year(s)

Other images

