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

Battery	**Battery Weight (g)**	2.5 g
	Lithium Weight (g)	0.007 g
Certificates	**NDAA 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
Legal Information	**ADR Information**	UN3091 - Lithium METAL (inside equiment)
	Country of Origin	Denmark
	EU ECCN Code	N/A
	Tariff No.	8471490000

Legal Information	**UNSPSC Code**	43211501
	US ECCN Code	5A992C
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 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)
Package dimensions	**Depth (package,cm)**	83 cm
	Gross Weight (Package, kg)	16 kg
	Height (package,cm)	19 cm
	Width (package,cm)	59 cm
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	4.9 GHz

Processor	**Frequency**	4.9 GHz
	Processor cores	10
	Processor family	Intel® Core™ Ultra Processor
	Processor manufacturer	Intel
	Processor model	225
	Processor socket	LGA 1851 (Socket V1)
	Processor threads	10
Product dimensions	**Net Weight (Product, kg)**	13 kg
	Product Depth	58 cm
	Product Height	8.7 cm
	Product Width	44.4 cm
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
	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
	Warranty	5 Year(s)

Other images



