MPN: SR-2U7F4-HW-IPMI

2U server with Ultra 7 265, 16GB, 1TB NVMe, 9361 RAID, 10GbE/2.5GbE, IPMI, TPM, 550W PSU, Win11 Pro; supports 4×3.5" HDDs and optional redundant PSU.



This 2U server is engineered for demanding workloads, offering a strong blend of performance, expandability, and reliability. At its core is the Ultra 7 265 processor paired with 16GB of memory, delivering responsive multitasking and efficient processing for business applications, virtualization, and edge computing. The included 1TB NVMe SSD provides rapid boot times and high-speed data throughput for storage-intensive tasks.

Connectivity is robust with both 1×10GbE and 1×2.5GbE network ports, ensuring flexibility for high-bandwidth environments and mixed-speed infrastructures. Integrated IPMI enables full remote management and monitoring, while the onboard TPM module enhances hardware-level security. Windows 11 Pro comes preinstalled, offering a secure and familiar operating system for professional use.

The chassis supports up to four internal 3.5" HDDs connected to the Broadcom 9361 hardware RAID controller, giving you ample room for future storage expansion. A reliable 550W power supply is included, and the system can be upgraded with an additional 550W PSU to enable redundant power for mission-critical uptime.

This server is an excellent choice for organizations seeking a scalable, remotely manageable, and performance-driven platform that can grow with evolving business needs.

- Intel Core Ultra 7 265 - 20C/20T 2.4-5.3GHz
- 16GB DDR5 - 4800MT
- 1TB PCIe 4.0 NVMe OS drive
- Broadcom 9361-8i hardware RAID controller
- Built in IPMI Interface with dedicated RJ45 port.
- Windows 11 Pro Preinstalled
- Single 550W GOLD+ PSU - Redundant PSU supported via optional add-on
- To reduce waste only Euro CEE 7 to C13 power cables are included.

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

Design	**Rack rails**	No
Expansion slots	**PCI Express x16 (Gen 5.x) slots**	2
	PCI Express x4 slots	1
Graphics	**Discrete graphics card**	No
	Number of displays supported (on-board graphics)	2
	On-board graphics card	Yes
	On-board graphics card 4K support	Yes
	On-board graphics card family	Intel® Graphics
	On-board graphics card model	Intel® Graphics
Legal Information	**ADR Information**	UN3091 - Lithium METAL (inside equiment)
	Country of Origin	Denmark
	EU ECCN Code	N/A
	Tariff No.	8471490000
	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)	1 x 16 GB
	Memory slots	4
Network	**Ethernet interface type**	10 Gigabit Ethernet, 2.5 Gigabit Ethernet, Gigabit Ethernet
	Ethernet LAN	Yes
	Number of LAN controllers	2
Other features	**Dimensions (WxDxH)**	504x432.4x88 mm
	Hot-swap HDD bays	No
	Integrated BMC with IPMI	Yes
	Integrated LAN	Yes
	Number of SATA connectors	8
	RAID controller type	Hardware (Storage drives)
Package dimensions	**Depth (package,cm)**	68.2 cm
	Gross Weight (Package, kg)	12 kg
	Height (package,cm)	20.4 cm
	Width (package,cm)	56.3 cm
Packaging content	**Cables included**	Power
Performance	**BIOS type**	UEFI AMI
	Export Control Classification	5A992C

Performance	**Number (ECCN)**	5A992C
	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**	1
	Number of redundant power supplies installed	1
	Number of redundant power supplies supported	2
	Power supply	550 W
	Redundant power supply (RPS) support	Yes
Processor	**Efficient cores**	12
	Efficient-core base frequency	1.8 GHz
	Motherboard chipset	Z890
	Performance cores	8
	Performance-core base frequency	2.4 GHz
	Performance-core Max Turbo Frequency	5.3 GHz
	Processor cache	30 MB
	Processor cache type	Smart Cache
	Processor cores	20
	Processor family	Intel® Core™ Ultra Processor
	Processor generation	Intel Core Ultra (Series 2)
	Processor manufacturer	Intel
	Processor model	265
	Processor socket	LGA 1851 (Socket V1)
	Processor threads	20
	Thermal Design Power (TDP)	65 W
Processor special features	**Processor ARK ID**	241068
Product dimensions	**Net Weight (Product, kg)**	10 kg
	Product Depth	50.4 cm
	Product Height	8.8 cm
	Product Width	43.3 cm

Software	**Compatible operating systems**	Windows 11
	Operating system installed	Windows 11 Pro
	Operating system language	Multilingual
Storage	**Internal drive bays**	4
	Number of 5.25" bays	2
	Number of HDDs supported	4
	Number of SSDs installed	1
	Number of SSDs supported	4
	NVMe	Yes
	SSD capacity	1 TB
	SSD interface	NVMe
	SSD size	M.2
	Supported HDD sizes	3.5 "
	Supported storage drive interfaces	M.2, Serial ATA III, SAS
	Total storage capacity	1 TB
Technical details	**3.5" HDD support**	4
	Chassis dimensions	19.84x17.02x3.46 "
	Warranty period	3 year(s)
Vendor information	**Brand Name**	Ernitec
	Warranty	5 Year(s)

Other images



