

UP SuperServer SYS-521E-WR



More details here

Key Applications

Data Center Optimized, Network Appliance, Database/Storage, Entry GPU server,

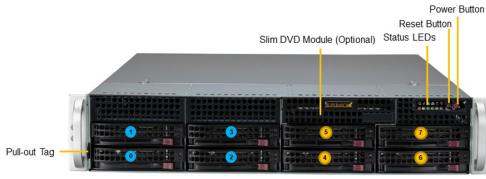
Key Features

- Single Socket E (LGA-4677) 4th Gen Intel® Xeon® Scalable processors. Up to 300W TDP;
- Intel® C741 Chipset;
- 8 DIMMs; Supports 3DS DDR5 RDIMM. Up to 4800 MT/s;
- 2 PCIe 5.0 x16 FHFL; 2 PCIe 5.0 x8 LP; 1 PCIe 3.0 x2 NVMe M.2;
- Onboard 1G LAN ports (Intel® i210), 1 dedicated IPMI LAN;
- 8x front hot-swap 3.5" SATA3 drive bays (Optional 4 hybrid Gen5 NVMe), SAS3 with additional SAS controller card;
- Redundant Platinum 920W Power Supplies;



Form Factor	2U Rackmount Enclosure: 437 x 89 x 647mm (17.2" x 3.5" x 25.5") Package: 673.1 x 279.4 x 863.6mm (26.5" x 11" x 34")
Processor	4th Gen Intel® Xeon® Scalable processors Single Socket LGA 4677 (Socket E) supported (Supports up to 300W TDP CPUs (Aircooled))
System Memory	8 DIMM slots
Drive Bays	8x 3.5" NVMe/SATA/SAS drive bays; 4x 3.5" NVMe hybrid;
Expansion Slots	2 PCIe 5.0 x16 FHFL slot(s) 2 PCIe 5.0 x8 LP slot(s) Note: Default loadout. (For more configs, please contact sales) FH slots can be reconfigured with RSC-W2-688G5. Acronyms: (FH = Full Height, LP = Low Profile, FL = Full Length, HL = Half Length)
On-Board Devices	SATA: SATA3 (6Gbps); RAID 0/1/5/10 support NVMe: NVMe Chipset: Intel® C741 Network Connectivity: 2x 1GbE BaseT with Intel® i210 IPMI: Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Input / Output	SATA: 8 SATA (6Gbps) port(s) LAN: 2 RJ45 1GbE LAN ports 1 RJ45 Dedicated IPMI LAN port USB: 3 USB 2.0 port(s) (2 rear; 1 Type A) 4 USB 3.2 Gen 1 port(s) (2 rear; 2 headers) Video: 1 VGA port(s) Serial Port: 2 COM Port(s) (1 header; 1 rear) DOM: 2 SuperDOM (Disk on Module) port with built-in power

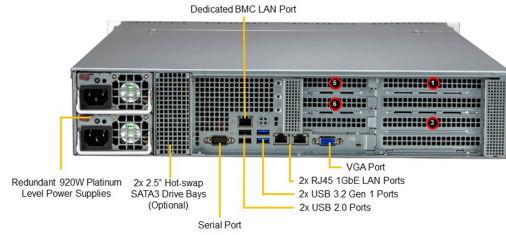
(Front View – System)



Drive Bay	Description
	8x 3.5" Hot-swap SAS3/SATA3 Drive Bays
	4x Hot-swap PCI-E 5.0 NVMe* Hybrid Drive Bays

* NVMe or SAS3 support requires additional parts from the optional parts list

(Rear View – System)



Slot	Slot Description
	PCI-E 5.0 x16 FHFL
	PCI-E 5.0 x16 FHFL
	PCI-E 5.0 x8 LP
	PCI-E 5.0 x8 LP

System Cooling	3x (8cm x 8cm x 3.8cm) heavy duty fan(s)
Power Supply	1U 920W redundant power supply Dimension (W x H x L): 76 x 40 x 336 mm Output Type: Backplanes (gold finger)
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	NMI; SUM; KVM with dedicated LAN; SPM; Intel® Node Manager; SSM; Redfish API; IPMI2.0
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory 8 Phase-switching voltage regulator FAN: Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectors
Dimensions and Weight	Height: 3.5" (89 mm) Width: 17.2" (437 mm) Depth: 25.5" (647 mm) Gross Weight: 59 lbs (26.76 kg) Net Weight: 34 lbs (15.42 kg) Packaging: 11" (H) x 26.5" (W) x 34" (D) Available Color: Black
Operating Environment	Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) Non-operating Temperature: -30°C to 60°C (-22°F to 140°F) Operating Relative Humidity: 8% to 80% (non-condensing) Non-operating Relative Humidity: 8% to 90% (non-condensing)
Motherboard	Super X13SEW-F
Chassis	CSE-825B2TS-R920WP