

UP Storage SuperServer SSG-110P-NTR10



[More details here](#)

Key Applications

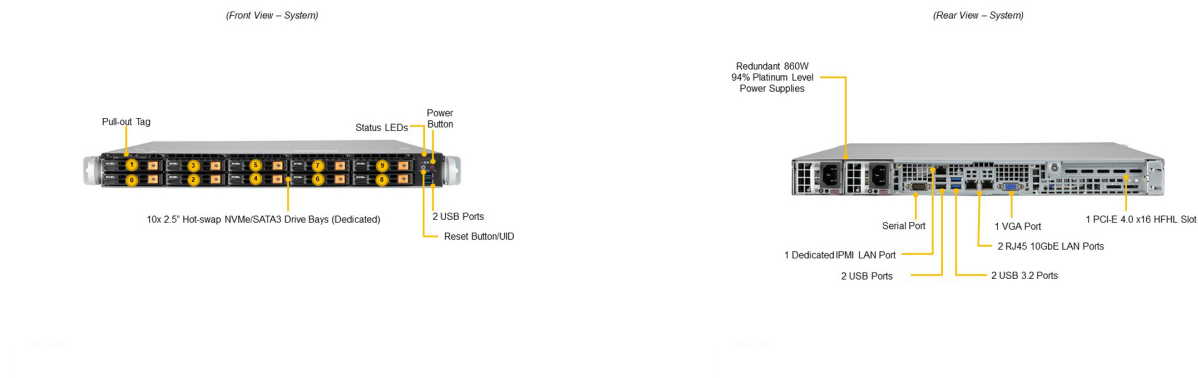
Virtualization, Cloud Computing, All Flash Storage, CDN Optimized,

Key Features

- Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors. Up to 270W TDP.;
- 8 DIMMs; Supports 3DS DDR4-3200: RDIMM/LRDIMM/Intel® DCPMM;
- 1 PCIe 4.0 x16 (FHHL) slot;
- Intel® Ethernet Controller X550 2x 10GbE RJ45;
- 10x Hot-swap 2.5" All NVMe Gen 4 tool-less drive bays; Onboard 2x NVMe Gen 3/SATA M.2;
- Redundant Platinum 860W Power Supply;



Form Factor	1U Rackmount Enclosure: 437 x 43 x 597mm (17.2" x 1.7" x 23.5") Package: 610 x 203 x 813mm (24" x 8" x 32")
Processor	Single Socket P+ (LGA 4189) 3rd Gen Intel® Xeon® Scalable Processors Up to 40C/80T; Up to 60MB Cache per CPU Supports up to 270W TDP CPUs (Air Cooled)
System Memory	Memory Capacity: 8 DIMM slots Up to 2TB: 8x 256 GB DRAM Up to 3TB: 4x 256 GB DRAM and 4x 512 GB PMem Memory Type: 3200/2933/2666MHz ECC DDR4 RDIMM;LRDIMM Intel® Optane™ persistent memory 200 series
Drive Bays	10x 2.5" hot-swap NVMe drive bays (10x 2.5" NVMe dedicated) 2x PCIe 3.0 x4 and SATA Form Factor: 2280, 22110 Key: M-key
Expansion Slots	1 PCIe 4.0 x16 FHHL slot(s)
On-Board Devices	NVMe: NVMe Gen 4 via MB onboard controller; RAID 0, 1, 5, 10 support (with additional VROC module) Chipset: Intel® C621A Network Connectivity: 2x 10GbE BaseT with Intel® X550 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	LAN: 1 RJ45 Dedicated IPMI LAN port 2 RJ45 10GBase-T LAN ports USB: 5 USB 3.2 Gen 1 port(s) (2 front; 2 rear; 1 Type A) 4 USB 2.0 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



System Cooling	Fans: 6x (4cm x4cm x5.6cm) heavy duty fans with optimal fan speed control Air Shroud: 1 Air Shroud(s)
Power Supply	860W Redundant Platinum Level power supplies
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	Redfish API; Supermicro Server Manager (SSM); Supermicro Power Manager (SPM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; KVM with dedicated LAN ; IPMI 2.0
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory 7+1 Phase-switching voltage regulator module (VRM) 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: 1.7" (43 mm) Width: 17.2" (437 mm) Depth: 23.5" (597 mm) Gross Weight: 38 lbs (17.24 kg) Net Weight: 25 lbs (11.34 kg) Packaging: 8" (H) x 24" (W) x 32" (D) Available Color: Black
Operating Environment	Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	Super X12SPO-NTF
Chassis	CSE-116TS-R860CBP-N10