Twin SuperServer SYS-120TP-DC9TR



More details he

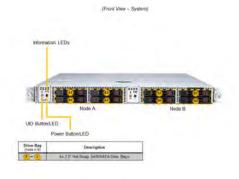
Key Applications

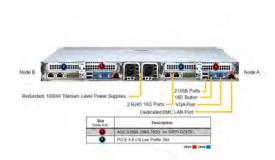
 $\label{thm:light} \mbox{High Performance Computing, Hyper-Converged Infrastructure, Big Data / Big Science,}$

Key Features

- Dual Socket P+ (LGA-4189) 3rd Generation Intel® Xeon® Scalable Processors;
- Intel® C621A chipset;
- 16 DIMMs, Up to 4TB 3DS ECC DDR4-3200 LRDIMM/RDIMM;
- 1 PCIe 4.0 x16 (LP), 1 PCIe 4.0 x8 (with M.2 adapter installed for support 2 NVME up to 22x80 mm);
- Intel® X710 Dual port 10GBase-T LAN onboard;
- 4x 2.5" hot-swap SATA/SAS drive bays;
- 6 counter-rotating 4cm PWM fans with optimal fan speed control (Per System);
- Two 1000W redundant power supplies with PMBus;
- ASPEED AST2600 BMC, 2 USB, VGA. RoT; Broadcom® 3908 SAS (12Gbps); 4 slots per node; RAID 0, 1, 5, 6, 10 support.;

slots per node; RAID 0, 1, 5, 6, 10 support.;		
Form Factor	1U Rackmount	
	Enclosure: 438 x 43 x 718mm (17.25" x 1.7" x 28.25")	
	Package: 752 x 203 x 975mm (29.6" x 8" x 38.4")	
Processor	3rd Gen Intel® Xeon® Scalable processors	
	Dual Socket LGA 4189 (Socket P+) supported	
	TDP up to 185W; 2 UPI	
	(Please contact Supermicro Technical Support for supporting conditions of high power (TDP 150W and above) or	
	high base frequency (3.0 GHz and above) processors.)	
System Memory	16 DIMM slots	
	Up to 4TB ECC RDIMM, DDR4-3200MHz	
Drive Bays	4x 2.5" hot-swap SATA/SAS drive bays	
Expansion Slots	1 PCIe 4.0 x16 LP slot(s)	
On-Board Devices	Chipset: Intel® C621A	
	Network Connectivity: 2x 10GbE BaseT with Intel® X710-AT2	
	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	
	USB: 2 USB 3.0 port(s) (2 rear)	
	Video: 1 VGA port(s)	
	Others:	
	M.2 2 NVME M.2 (up to 22x80 mm) support via installed SCC-P2N2M2-P2 and M.2 for OS boot only. For 22x110mm	
	Others:	





(Rear View - System)

System Cooling	6x 4cm heavy duty fan(s)
Power Supply	1U 800/1000W Redundant Power Supply 38mm Width
	Dimension (W x H x L): 38 x 40 x 360 mm
	Output Type: Gold Finger Connector
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	SuperDoctor® 5; Watch Dog; NMI; SUM; KVM with dedicated LAN; SPM; Intel® Node Manager; SSM; IPMI 2.0; Redfish
	API; Supermicro Out of Band (OOB) Software License Key (Included per Node)
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory
	5 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: 1.7" (43 mm)
	Width: 17.25" (438 mm)
	Depth: 28.25" (718 mm)
	Gross Weight: 48.1 lbs (21.9 kg)
	Net Weight: 33.5 lbs (15.2 kg)
	Packaging: 8" (H) x 29.6" (W) x 38.4" (D)
	Available Color: Black front & sliver body
Operating Environment	Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)
	Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)
	Operating Relative Humidity: 8% to 90% (non-condensing)
	Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	Super X12DPT-PT6
Chassis	CSE-809H-R1K05P3