

## Mainstream SuperServer SYS-621P-TR

2U Mainstream with 6 PCIe 5.0 slots and dual 1GbE LAN

## **Key Applications**

Virtualization, Enterprise Server, Application and data serving, Compute Intensive Applications,

## **Key Features**

- Dual Socket E (LGA-4677) 5th/4th Gen Intel® Xeon® Scalable processors, supports up to 300W TDP;
- 16 DIMM slots, Up to 4TB DDR5-5600MHZ/4800MHz ECC Registered RDIMM;
- 4 PCIe 5.0 x16 Low Profile (LP), 2 PCIe 5.0 x8 Low Profile (LP);
- 1200W Redundant Titanium level Power Supplies;



Form Factor	2U Rackmount	
	Enclosure: 437 x 89 x 647mm (17.2" x 3.5" x 25.5")	
	Package: 678 x 290 x 876mm (26.7" x 11.4" x 34.5")	
Processor	Dual Socket E (LGA-4677)	
	5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors	
System Memory	Slot Count: 16 DIMM slots	
	Max Memory (1DPC): Up to 4TB 5600MT/s ECC DDR5 RDIMM	
Drive Bays Configuration	Default: Total 8 bay(s)	
Sine Sajo comganation	<ul> <li>4 front hot-swap 3.5" NVMe*/SAS*/SATA drive bay(s)</li> </ul>	
	• 4 front hot-swap 3.5" SAS*/SATA drive bay(s)	
	(*NVMe/SAS support may require additional storage controller and/or cables, please see the optional parts list for	
	details)	
	M.2: 2 M.2 NVMe slot(s) (M-key)	
	Peripheral Bays: 1 slim DVD bay(s) (optional)	
Expansion Slots	PCI-Express (PCIe) Configuration: Default	
	<ul> <li>2 PCIe 5.0 x8 LP slot(s)</li> </ul>	
	<ul> <li>4 PCIe 5.0 x16 LP slot(s)</li> </ul>	
	M.2: 2 M.2 PCIe 4.0 x2 NVMe slot(s) (M-key)	
On-Board Devices	SATA: SATA (6Gbps)	
	Chipset: Intel® C741	
	Network Connectivity: 2 RJ45 1GbE	
	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 1 GbE Dedicated BMC LAN port(s)	
	USB: 2 USB 2.0 port(s) (front)	
	4 USB 3.0 port(s) (rear)	
	Video: 1 VGA port(s)	
	Serial: 1 COM port(s) (Rear)	
	1 COM port(s) (Front)	
	DOM: 2 Super <u>DOM</u> (Disk on Module) port(s)	
	TPM: 1 TPM Onboard/port 80	





	(Front View – System)	(Rear View – System)		
	Off Part       Bate (ED)         Off Part       Off Part         Off	Redurdant     1 Dedicated PM LAN Port 4 USB 3 0 Ports       Optional 22-25* Hot-swap 5 Bend Port     0 Dedicated PM LAN Port 4 USB 3 0 Ports       Did Dedicated PM LAN Port 4 USB 3 0 Ports     0 Dedicated PM LAN Port 4 USB 3 0 Ports       Did Dedicated PM LAN Port 4 USB 3 0 Ports     0 Dedicated PM LAN Port 4 USB 3 0 Ports       Did Dedicated PM LAN Port 5 Dedicated PM LAN Port 9 Dedicated		
System Cooling	Fans: 3 middle 8cm Fan(s)			
Power Supply	1200W Redundant Titanium Leve	1200W Redundant Titanium Level power supplies		
System BIOS	BIOS Type: AMI 32MB SPI Flash E	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	FAN: Fans with tachometer moni Status monitor for speed co Pulse Width Modulated (PW Temperature: Monitoring for CPL	CPU: Monitors for CPU Cores, Chipset Voltages, Memory 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	Weight: Gross Weight: 69 lbs (31. Net Weight: 36.38 lbs (16 Available Color: Black			
Operating Environment	RoHS Compliant Operating Temperature: 10°C ~ 3 Non-operating Temperature: -30 Operating Relative Humidity: 8% Non-operating Relative Humidity	°C to 60°C (-40°F to 140°F) to 80% (non-condensing)		
Motherboard	Super X13DEI			
Chassis	CSE-825BTS-R1K23LPP1			