

AI SYS-521C-NR



Features

- 4세대 및 5세대 Intel® Xeon® Scalable 프로세서 지원
- 최대 350W TDP 및 Intel® C741 칩셋
- 최대 4TB의 ECC DDR5 RDIMM 메모리 지원
- 12개의 핫스왑 3.5인치 SATA3 드라이브 베이
- 1200W 이중 전원 공급 장치 및 고급 냉각 시스템

| Overview

SuperServer SYS-521C-NR는 12개의 핫스왑 3.5인치 SAS/SATA 베이와 6개의 PCIe 5.0 슬롯을 갖춘 2U 산업용 서버입니다. 클라우드 컴퓨팅, 데이터 센터 최적화, AI 추론 및 ML 훈련에 적합합니다.

| Spec

Processor (CPU)	Single Socket E (LGA-4677) 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors Up to 64C/128T; Up to 320MB Cache
Graphics (GPU)	Max GPU Count: Up to 2 double-width or 4 single-width GPUs Supported GPU: NVIDIA PCIe: H100, H100 NVL, A16, A30, A40, L4, L40S, RTX 6000 Ada Generation, RTX A2000, A2, RTX A6000, T1000, L40, RTX 4000 Ada Generation, RTX 4000 SFF Ada Generation, RTX 2000 Ada, RTX 4500 Ada, RTX A4000 CPU-GPU Interconnect: PCIe 5.0 x16 CPU-to-GPU Interconnect
Memory	Slot Count: 16 DIMM slots/8 Channels Max Memory (1DPC): Up to 2TB 5600MT/s ECC DDR5 RDIMM Max Memory (2DPC): Up to 4TB 4400MT/s ECC DDR5 RDIMM
Storage	Total 12 bays : 12 front hot-swap 3.5" SAS*/SATA drive bays Option A: Total 12 bays

	2 front hot-swap 3.5" PCIe 5.0 x4 NVMe*/SAS*/SATA drive bays 10 front hot-swap 3.5" SAS*/SATA drive bays (*NVMe/SAS support may require additional storage controller and/or cables, please see the optional parts list for details) M.2 PCIe 3.0 x2 NVMe slots (M-key 2280/22110)
Expansion Slots	Default 4 PCIe 5.0 x8 FHFL slots 2 PCIe 5.0 x16 FHHL slots 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible) 1) Option A 4 PCIe 5.0 x8 FHFL slots 2 PCIe 5.0 x16 FHHL slots 1 PCIe 5.0 x8 AIOM slot (OCP 3.0 compatible) 2) Option B 2 PCIe 5.0 x16 FHFL double-width slots 2 PCIe 5.0 x16 FHHL slots 1 PCIe 5.0 x8 AIOM slot (OCP 3.0 compatible) On-Board Devices
I/O Ports	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port USB: 2 USB 2.0 ports(header) 2 USB 3.2 Gen1 Type-A ports(rear) Video: 1 VGA port Serial: 1 COM port(rear) TPM: 1 TPM header
Networking	1 RJ45 1 GbE Dedicated BMC LAN port
Power Supply	2x 1200W Redundant (1 + 1) Titanium Level (96%) power supplies
Cooling System	Fans: 3 heavy duty PWM 80x80x38mm Fan(s) Air Shroud: 1 Air Shroud Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors

Environmental & Reliability	Operating Temperature: 10°C to 35°C (50°F to 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)
Dimensions	437 x 89 x 648mm (17.2" x 3.5" x 25.5")

