



NISE 3000 C30/C31/C32



Features

- Intel® Core™ Ultra 200 시리즈 프로세서 지원
- 최대 96GB의 DDR5 6400 메모리 지원
- 2 x 2.5GbE RJ45 포트 및 PoE 포트 지원
- 3개의 독립적인 디스플레이 포트 (DP, HDMI®, USB-C)
- 산업 환경에 적합한 -20°C에서 60°C의 작동 온도 범위
- TPM 2.0 및 다양한 확장 슬롯 옵션 제공

| Overview

NISE 3000 C30은 산업 자동화 및 AI 기반 애플리케이션을 위한 강력한 팬리스 엣지 컴퓨팅 시스템입니다. 최신 Intel® Core™ Ultra 200 시리즈 프로세서를 탑재하여 CPU, GPU, NPU를 통합한 아키텍처를 통해 머신 비전, 실시간 데이터 처리, 이미지 분석 및 지능형 감시 기능을 제공합니다.

| Spec

Processor (CPU)	Supports Intel® Core™ Ultra 200 Series 5/7/9 (LGA1851) socket type embedded processors, up to 35W (C30/C31 Series) or up to 65W (C32 Series)
Graphics (GPU)	Three independent display: DP, HDMI®, and USB-C (DP Alt Mode)
Memory	2 x DDR5 6400 CSO-DIMM socket unbuffered and non-ECC, up to 96GB
Storage	1 x 2.5" SATA 3.0 HDD/SSD (2 x 2.5" SSD for selected SKU "R") 1 x M.2 Key M 2280, 1 x M.2 Key B 2242
Expansion Slots	C30/C31-R: w/o expansions C30/C31-E: 1 x PCIe x8 up to 25W, 169mm max. length C30/C31-E2: 2 x PCIe x8 up to 10W/slot, 240mm max. length C30/C31-P2E: 1 x PCIe x8 + 1 x PCI up to 10W/slot, 240mm max. length C31-E16: 1 x PCIe x16 up to 75W, 240mm max. length C32-E16: 1 x PCIe x16 up to 65W, 240mm max. length
I/O Ports	Interface-Front -1 x ATX power on/off switch

	-LED indicators -4 x USB 2.0, Type A -1 x SIM card holder (Under front cover) -1 x Line out and 1 x mic in -2 x Antenna holes Interface-Rear -3 x 2.5GbE RJ45 port, Intel® I226-IT & 1 x 2.5GbE RJ45 PoE port, Intel®I226-IT, total up to 15W (C30-E/E2/P2E/R) -2 x 2.5GbE RJ45 port, Intel® I226-IT & 2 x 2.5GbE RJ45 PoE port, Intel®I226-IT, total up to 30W (C31-E2/P2E/E16 & C32-E16) -1 x HDMI® port -1 x DP port -4 x USB 3.2 Gen 2, 10Gbps, Type-A -1 x USB 3.2 Gen 2 x2, 20Gbps, Type-C (PD 45W, DP ALT mode) (C30-E/E2/P2E/R, C32-E16) -1 x USB 3.2 Gen 2 x2, 20Gbps, Type-C (PD 100W, DP ALT mode) (C31-E2/P2E/E16) -1 x USB 4, 40Gbps, Type-C (5V/3A, 15W) -2 x COM Port (DB9), supports RS-232/422/485 (2.5KV isolation) -2 x COM Port (DB9), supports RS-232 (Varies by model) -1 x 3-pin DC input, supports +24 VDC input -1 x 3-pin remote power on/off switch Interface-Internal -8 x GPI and 8 x GPO (5V, TTL type) -1 x M.2 Key B 2242/3052 (PCIe Gen. 3 x2, USB3.2, SATA, SIM) -1 x M.2 Key M 2280 (PCIe Gen. 4 x4, NVMe) -1 x M.2 Key E 2230 (PCIe x1, USB2) -1 x USB2.0 vertical Type A connector for encryption dongle -TPM 2.0 onboard (Default)
Power Supply	AT/ATX power mode (Default ATX mode) input: +12 to 30 VDC
Environmental & Reliability	Operating temperature: Ambient with air flow: -20°C to 60°C (according to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
Operating System /	Windows 11

Software Support	Windows 10 IoT Enterprise, 64-bit Linux for Ubuntu
Certification	CE •FCC Class A