KNERON-KNEO350-001

# KNEO350 Specification

KNEO350

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## Overview

The KNEO350 is part of Kneron's edge AI server product line, designed to bring private, on-device Generative AI capabilities to the edge computing environment. It's positioned as a solution for enterprises looking to implement AI processing locally while maintaining data privacy and security.

## Key Features

The KNEO350 series, along with the KNEO330, represents Kneron's latest advancement in edge AI computing technology. These devices are designed to enable real-time video processing and Gen-AI applications without requiring cloud connectivity, emphasizing on-device computation for enhanced privacy.

## Hardware Specifications

| Parts | Description | Quantity | Note |
|---|---|---|---|
| CPU | AMD EPYC 8124P | *1 | |
| Main Board | AMD EPYC 8004 ATX | *1 | |
| Rear IO | 2 x USB 3.2 Gen 1 | | |
| | 1 x VGA | | |
| | 1 x COM | | |
| | 2 x 10 GbE ports | | |
| | 2 x GbE ports | | |
| | 1 x GbE dedicated for IPMI | | |
| | 1 x ID button | | |
| System DDR Size | 32GB | *2 | |
| GPU | RTX 5060 TI | *4 | |
| AI Computing Unit | KLC730 USB dongle | *1 | |
| Storage | NV-SSD 2TB | *1 | |
| Network | Default configuration includes 2x Gigabit Ethernet (please refer to the "Rear IO" row) | *1 | Optional 100Gb network card (fiber) available for applications requiring higher network throughput |
| Power | Platinum 1300W+1300W 2U CRPS Redundant Power Supply | *1 | |
| Certification | CE FCC and BSMI | | |
| Warranty | Whole system: 3 years | | |
| Operating System | Ubuntu Linux | | |
| Size | 482*650*178 mm (4U rackmount) | | |
| Weight | **16.8kg** | | |

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