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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