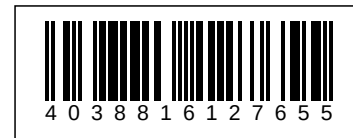


ALLNET NX5Pro MiniPC video server/client with Linux and Networkoptix 8GB/64GB ALL-NX5Pro-864

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EAN CODE



ALLNET NX5 Recorder: Compact, powerful and expandable – your reliable NVR with RK3588 chipset

Discover the ALLNET NX5 Recorder, a state-of-the-art surveillance solution that combines compact design and maximum performance. With the powerful RK3588 chipset, 8 GB RAM, 64 GB internal memory and an additional compartment for an HDD with up to 2 TB, this NVR offers everything you need to manage up to 16 cameras.

Technical highlights:

- **RK3588 chipset:**
 - Octa-core processor: 4x Cortex-A76 + 4x Cortex-A55 for optimal performance and efficiency.
 - GPU: Mali-G610 MP4 for outstanding graphics performance and hardware-accelerated video decoding.
 - Support for 8K video processing, perfect for high-resolution surveillance recording.
 - AI acceleration: NPU with up to 6 TOPS for AI-based video analysis.
- **Memory:**
 - 8 GB RAM for smooth multitasking performance and fast data handling
 - .
 - 64 GB internal memory, expandable by an additional compartment for a 2 TB HDD, ideal for extensive video recordings.
- **Operating system:**



- Based on **Ubuntu Gnome**, provides stability, security and a flexible, customisable user interface.
- Integrated **NetworkOptix Nx5 software** for intuitive management and easy control of your surveillance cameras.

• **Expandability:**

- Compartment for a standard HDD with up to 2 TB, provides ample storage space for your surveillance data.

This compact NVR is the ideal solution for small to medium-sized surveillance projects. Whether for retail, offices or small businesses, the ALLNET NX5 recorder delivers professional security technology in a space-saving design.

The maximum height of a 2.5 inch HDD/SSD may only be 7mm!

Models:

NX5Pro-4GB/32GB in stock for up to 8 cameras
NX5Pro-4GB/64GB MOQ 50 pcs
NX5Pro-8GB/32GB MOQ 50 pcs
NX5Pro-8GB/64GB in stock 16-20 cameras
NX5Pro-8GB/128GB MOQ 50 pcs 16-20 cameras
NX5Pro-16GB/64GB MOQ 50 pcs up to 40 cameras
NX5Pro-16GB/128GB MOQ 50 pcs up to 40 cameras
NX5Pro-16GB/256GB MOQ 50 pcs up to 40 cameras

Package contents:

1 x 12V power supply
1 x HDMI® Cable
1 x User Manual + Colour Box
1 x RK3588 Player
1 x Remote Control

Dimensions: 116x116x45mm

Comparison with RK3399 CPU:

Processor	Rockchip RK3588	Rockchip RK3399
Market (main)	Single-board computer	Single-board computer
ISA	ARMv8-A (64-bit)	ARMv8-A (64-bit)
Microarchitecture	Cortex-A76, Cortex-A55	Cortex-A72, Cortex-A53
Family	RK3500	RK3300
Part number(s), S-Spec	RK3588	RK3399(K), RK3399 K
Release date	Q4 2021	Q1 2016



Lithography	8 nm LP	28 nm HKMG
Cores	8	6
Threads	8	6
Base frequency	1.8 GHz	1.5 GHz
Turbo frequency	2.4 GHz	2.0 GHz
Energy cores	4x ARM Cortex-A55 @ 1.8 GHz	4x ARM Cortex-A53 @ 1.5 GHz
High performance cores	4x ARM Cortex-A76 @ 2.4 GHz	2x ARM Cortex-A72 @ 2.0 GHz
Cache memory	3 MB	1,512 MB
Max memory capacity	32 GB	4 GB
Memory types	LPDDR4, LPDDR4X, LPDDR5	LPDDR3-1866, LPDDR4 SDRAM
Max PCIe lanes	4	4
TDP	12 W	7 W
GPU integrated graphics	ARM Mali-G610 MP4	ARM Mali-T860 MP4
GPU execution units	4	4
GPU shading units	64	64
GPU clock	600 MHz	600 MHz
GPU FP32 floating point	610.6 GFLOPS	81.6 GFLOPS
Socket	SoC	SoC
Drystone MIPS	131.342 DMIPS	32,600 DMIPS
AI accelerator	AI Accelerator, NPU 3.0	-
AI computing operations per seconds	6 TOPS	-
Crypto engine	-	AES 128/192/256, DES/3DES, SHA1/SHA256/MD5, PRNG, TRNG
Security	-	Trustzone
Max display resolution	8K@60fps	4K@60fps
Video decoding	H.265/H.264 8K@60fps, 4K@120fps	H.265/H.264 4K@60fps
Video encoding	H.265/H.264 8K@30fps	H.264 1080p@30fps
Max camera ISP	24 MP + 24 MP	-
Max video capture	Dual MIPI-CSI	-
Modem	1000Mbps RJ45 Ethernet	10/100/1000M Ethernet
Connectivity	USB 2.0, USB 3.1 Type-C, HDMI 2.1, PCIe 3.0	HDMI 2.0, USB 2.0, USB 3.0
Wi-Fi	Wi-Fi 2.4GHz/5GHz	-

Bluetooth	Bluetooth 4.2	-
Audio	PDM	I2S, PCM, SPDIF
PassMark CPU Mark	6,124	1,378
(Android 64-bit) Geekbench 4 single core	2,423	1,144
(Android 64-bit) Geekbench 4 multi-core	8,162	2,776
(Android) Geekbench 5 single core	508	269
(Android) Geekbench 5 multi-core	2,235	615
(SGEMM) GFLOPS performance	72.1 GFLOPS	23.9 GFLOPS
(Multi-core / watt performance) Performance / watt ratio	680 pts / W	397 pts / W

Attributes

Attribute	Value
Alternative Betriebssysteme:	Linux;
Arbeitsspeicher (RAM):	4
Betriebssystem:	Android 12
Bluetooth:	ja
Chipset:	RK3588
Einsatzbereiche:	indoor
Farbe Gehäuse:	schwarz
Hauptspeicher:	32
Kamera:	nein
Mobilfunk:	nein
Stromversorgung:	Netzteil
Weight:	0.37 Kg
Warranty:	12.00 Months

Accessories



Part No.: 213064
Vendor Part No.: ALL-NX5Pro-864

Part No.	Name
124355	Networkoptix IP Nx-Professional Videomanagement Software 1 Kanal
210304	ALLNET Ersatznetzteil 12V/5A EU Type schwarz mit Adapter EU,US,UK