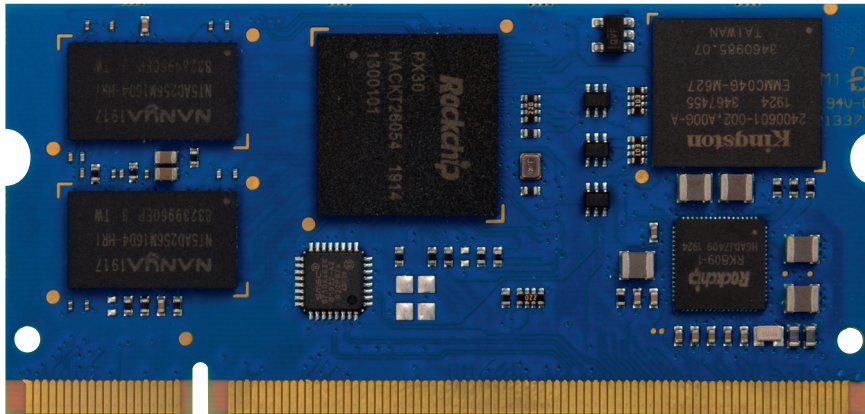# ⑤ ENGICAM ®
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⑤ DIMM 2.0

PX30.Core

PX30.Core is based on the new Rockchip PX30 processor equipped with a quad-core A35.
The new module offers very high performance, real-time capabilities and more.
The wide range of peripherals makes this SOM suitable for many different applications.

HIGHLIGHTS

- Powerful Quad core A35
- Low power consumption
- Suitable for fan-less application with high-end graphics performances

APPLICATIONS

| Industrial | Transportation | Robotics | Biomedical/ Medical devices |

FEATURES

	CPU	PX30		NETWORKING	LAN 10/100 Ethernet interface
	CORES	Quad ARM Cortex-A35 @ 1.2GHz		USB	USB OTG 2.0 USB HOST 2.0
	MEMORY	Up to 2 GB LPDDR4		AUDIO	I2S Interface
	GRAPHICS	Mali G31 OpenGL ES 1.1, 2.0, and 3.2 OpenCL 2.0 Vulkan® VX 1.0		PHERIPHERAL INTERFACES	UART, I2C, SPI, SDIO, Audio Codec on SOM
				POWER SUPPLY	+ 5V DC
	VIDEO INTERFACES	Video: h.265 dec 1080p@60Hz, h.264 enc/dec 1080p@60Hz MIPI-CSI 4 lanes with 8Mp ISP		OPERATING SYSTEM	Linux – Yocto - Android
	VIDEO RESOLUTION	Up to Full HD @60fps		OPERATING TEMPERATURE*	Industrial (-40°C to 105°C Tj)
	MASS STORAGE	eMMC 4 GB expandible		DIMENSIONS	67.6 x 32.1 mm

⌐ AlCOM electronics

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