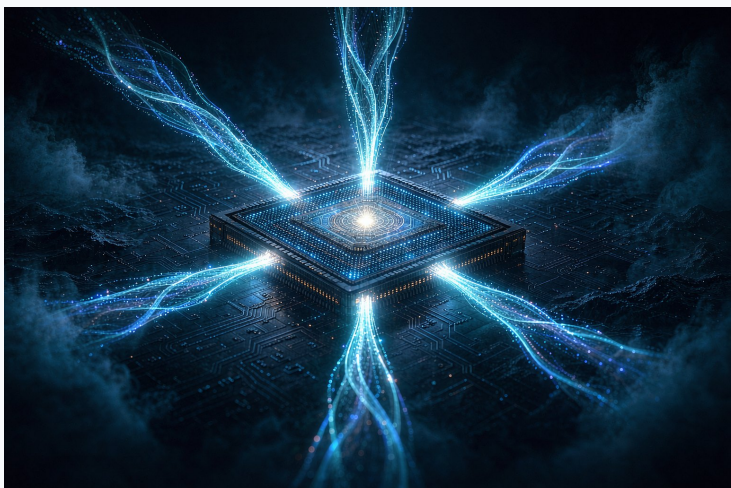




Parameters

CPU	Rockchip RK3588, 8-core
NPU	6 TOPS
Memory	Onboard 8 / 16 GB LPDDR4x
Storage	eMMC socket + M.2 2280 NVMe
Video	8K decode, HDMI 2.1, eDP, MIPI-DSI
I/O	USB 3.0, GbE, RS485, CAN, GPIO header
Expansion	M.2 Key-E for WiFi, M.2 Key-B for 4G/5G
OS	Ubuntu 22.04 / Android 12 / Debian

Environment & Power

Power	DC 12 V
Operating temp.	-20 °C to 60 °C

Typical Applications

· Custom Enclosures

Board-level supply for your own mechanical design.

· AI Camera

Baseboard for 8K/AI vision products with MIPI-CSI input.



I/O Port

01 I/O USB 3.0, GbE, RS485, CAN, GPIO header

Specification

Form factor Nano-ITX 120 × 120 mm

Expansion M.2 Key-E for WiFi, M.2 Key-B for 4G/5G

Use OEM baseboard for custom chassis

Typical Applications

· Custom Enclosures

Board-level supply for your own mechanical design.

· AI Camera

Baseboard for 8K/AI vision products with MIPI-CSI input.

· OEM Integration

Schematic, BSP and long-term supply commitment.