



Key features

- 8nm advanced process, 8-core 64-bit architecture, high performance, low power consumption
- ARM Mali-G610 MC4 GPU, dedicated 2D graphics acceleration module
- 6TOPs NPU, empowering various AI scenarios
- 8K video encoding/decoding, 8K display output
- Superior image processing capabilities, 48MP ISP, supports multiple camera inputs.
- Abundant high-speed interfaces (USB 3.0*2, 4G, SIM, COM, Gigabit Ethernet, audio), easy to expand.
- Android12/15 and Linux OS

Specification

Processor	Octa-core 64-bit big/little core architecture, 4*Cortex-A76 + 4*Cortex-A55
Memory	4G (standard) / 8G / 16G (optional)
Storage	64GB (standard) / 128GB / 256GB (optional - requires customization)
Supported OS	Android12/15 and Linux OS
Graphics	Supports up to 8K 60Hz
Audio	MP3, WMA, APE, FLAC, AAC, OGG, AC3, WAV, etc.
Network	Gigabit Ethernet
Wireless	Dual Gigabit Ethernet, standard support for 2.4G WiFi, Bluetooth 4.0, and driverless wireless peripherals; optional expansion supports 5G WiFi and Bluetooth 5.0.
Front input/output ports	<ul style="list-style-type: none"> 1x Gigabit Ethernet RJ45 port 1x COM port 1x 4G antenna reserved 1x SIM port 2x USB 3.0 Type A ports 1x 3.5mm Line Out Single external antenna + 4G reserved single external antenna
JAE 80-pin connector	Standard 80pin JAE slot
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Material	Metal
Net Weight	1.35 Kg / 3.0 lbs with Antennas attached
Gross Weight	1.5 Kg / 3.30 lbs
Dimensions	180 x 195 x 30 mm / 7.1" x 7.7" x 1.2" Inches (WxDxH)
Power Input	12V DC IN
Operating Temperature	-5°C to 45°C
Storage Temperature	-20° to 70°

