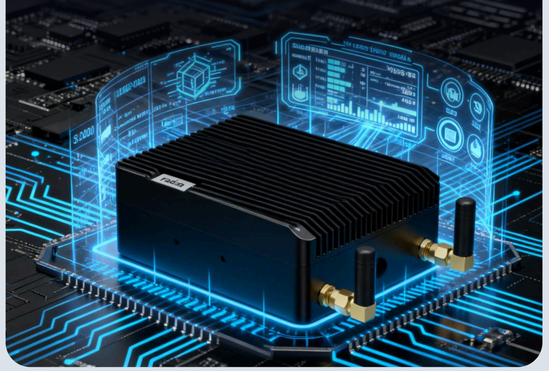
fogwise AIRbox Q900

Compact Industrial Edge AI Box



Powered by Qualcomm Dragonwing IQ-9075

- 8x Big-Core Architecture for Flagship Edge Performance
- Adreno 663 GPU
- 200 TOPS@INT8(Sparse) **200 TOPS**

GPGPU **840MHz** Adreno Neural Network

Kryo Gen6 Up to 2.36GHz	Kryo Gen6 Up to 2.36GHz	Kryo Gen6 Up to 2.36GHz	Kryo Gen6 Up to 2.36GHz
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OpenGL® ES3.2 · Vulkan 1.3 · OpenCL 2.0 FP

Flagship Video Engine

Multi-Stream UHD, Real-Time Processing

32	120	240
cameras	FPS encode	FPS decode

- AV1, HEVC (H.265), H.264, VP9, MPEG-2 video decoder up to 1x 8Kp60, 4x 4Kp60 or 32x 1080p30
- H.264, H.265, HEIF/ HEIC video encoder up to 2x 4Kp60 or 16x 1080p30
- Concurrent 2x 4Kp60 encode and 2x 4Kp60 decode

H.265 HEVC · H.264 MPEG-4/AVC · AV1 · VP9

High-Speed Memory & Storage Expansion

36GB LPDDR5@6400

128GB UFS 3.1 Gear4

M.2 NVMe PCIe Gen4 SSD

Airbox is

AI Ready
Plug-and-play AI deployment

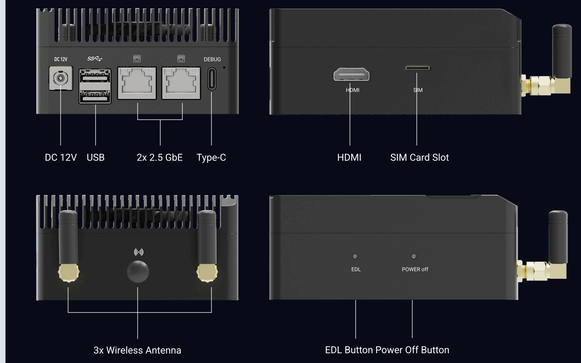
AI Recognition
Vision, voice, and data recognized in milliseconds

AI Reasoning
On-device inference and intelligent decisions

AI Realtime
Millisecond responses, no cloud delay

AI Reliability
Industrial-grade reliability, built to endure

Rich Connectivity & Expansion



HDMI 2.0
4K@60fps display output

USB
USB 3.1 Host + USB 3.1 OTG Type-A, plus Type-C serial console port

Storage
128 GB UFS 3.1 onboard; M.2 M-Key 2230 for NVMe SSD expansion

Networking
Dual RJ-45 2.5 GbE ports with TSN support

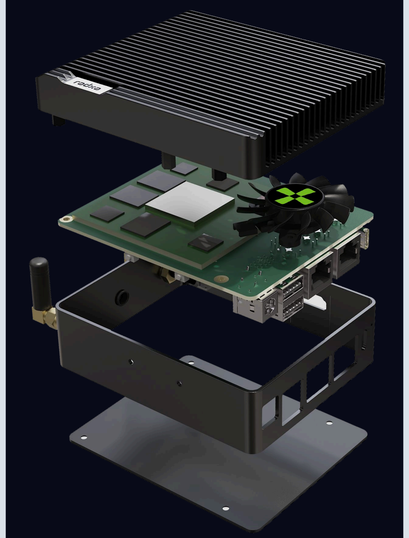
Wireless/Cellular
Mini PCIe slot (half/full size) supports Wi-Fi 6 or 4G/5G modules—plus a built-in SIM slot

Cooling & Power
All-metal chassis with PWM-controlled fan interface and 12 V/5.4 A DC power input.

Maintenance
Includes EDL (Emergency Download) button for flashing/reset

WiFi 6 · BT 5 · Ethernet (2.5G x2) · 5G Network · Full-Metal

Durability Metal housing, active cooling, industrial reliability



Full Metal · Active Cooling · Compact Size

Ready to Compute Out of the Box

Support Yocto or Ubuntu and ready for AI deployment.

Ubuntu · casaos · yocto

Extensive Compatibility

Compatible with major frameworks: TensorFlow, PyTorch, ONNX, Paddle, Caffe, DarkNet, etc.

TensorFlow · PyTorch · ONNX · Caffe · 飞桨

Low-latency Performance

e.g., LLaMA-7B inference in ~0.6 s first token and ~12 tokens/s thereafter.

Stable-Diffusion	FFNet
Whisper	DeepLabV3
Llama	Depth-Anything
Qwen	MobileNet
EfficientNet	GoogLeNet

Ideal For Local AI APPs

Run popular open-source apps with ease

FRIGATE · DeepSpeech · Real-ESRGAN Practical Restoration · Stable Diffusion · Open WebUI · Ollama

Edge AI, Ready from Day One