

AIX-6000

Edge AI Box



Feature

- **Efficient Edge AI**
12 INT8 TOPs for lightweight AI inferencing at the edge.
- **Powerful Compute Core**
Based on Qualcomm® Dragonwing™ QCS6490 for mid-range AI workloads.
- **Integrated GPU**
Adreno™ 643L delivers reliable graphics for AI vision tasks.
- **Optimized Memory & Storage**
4/8GB LPDDR5x and 128GB UFS ensure responsive performance.
- **Versatile OS Support**
Runs Android 13 and Yocto Linux for flexible integration.

■ Specification

System	CPU	Qualcomm® Dragonwing™ QCS6490
	GPU	Qualcomm® Adreno™ 643L
	AI	12 INT8 TOPs
	RAM & Storage	8GB LPDDR5x, 128GB UFS
	OS	Android 14, Yocto Linux, Ubuntu
Interfaces	Button	1 x power with LED, 1x reset
	HDMI	2 x HDMI
	USB	2 x USB 3.0 Type-A
	Ethernet	2 x 10/100/1000Mbps Ethernet
	Serial Port	2 x COM RS-232/422/485
	CAN Bus	2 x CAN FD and 2.0B
	LED Indicator	4 x Programmable LEDs
	Digital Input/Output	4 (Configurable direction)
	Analog Input	2
Extension Slots	M.2	2 x Key B socket, 1 x Key E socket
	SD Card Slot	1 x MicroSD Card Slot
	SIM Slot	1 x NanoSIM Slot
Wireless Connectivity	Wi-Fi	Wi-Fi 6 (optional)
	Bluetooth	Bluetooth v5.3 (optional)
	Cellular	5G NR, 5G RedCap, 4G/LTE (optional)
Power	DC Input	9V ~ 36V, 3-pole Terminal Block
Mechanical	Dimensions (W x D x H)	163mm x 106mm x 58.5mm
	Weight	1.725 KG
	Mounting	Wall mount, VESA DIN rail (optional)
	Antenna Connector	6 x SMA connector (optional)
Environmental	Operating Temperature	-20°C to +60°C
	Storage Temperature	-40°C to +85°C