

AIX-8000

Edge AI Box



Feature

- **Edge AI Performance**
48 INT8 TOPs for real-time video analytics and smart surveillance.
- **Advanced Compute Platform**
Powered by Qualcomm® Dragonwing™ QCS8550 for efficient edge processing.
- **High-Quality Graphics**
Adreno™ 740 GPU supports advanced visual AI tasks.
- **Fast Memory & Storage**
16GB LPDDR5x and 128GB UFS for smooth AI operation.
- **Dual OS Support**
Runs Android 13 and Yocto Linux for flexible deployment.

■ Specification

System	CPU	Qualcomm® Dragonwing™ QCS8550
	GPU	Qualcomm® Adreno™ 740
	AI	48 INT8 TOPs
	RAM	16GB LPDDR5x
	Storage	128GB UFS
	OS	Android 13, Yocto Linux
Interfaces	Button	1 x power with LED, 1x reset
	HDMI	2 x HDMI 4K@30fps
	USB	2 x USB 3.0 Type-A
	Ethernet	2 x 10/100/1000Mbps Ethernet
	Serial Port	2 x COM RS-232/RS-422/RS-485
	CAN Bus	2 x CAN FD and 2.0B
	LED Indicator	4 x Programmable LEDs
	Digital I/O	4
	Audio	N/A
Extension Slots	M.2	1 x M.2 2242/52/80 Key B socket 1 x M.2 2230 Key E / 2280 Key B Socket (Mutually Exclusive)
	SD Card Slot	1 x MicroSD Card Slot
	SIM Slot	1 x NanoSIM Slot
Wireless Connectivity	Wi-Fi/Bluetooth	M.2 Wi-Fi 7/Bluetooth Combo Module (optional) IEEE 802.11be/ax/ac/a/b/g/n, Bluetooth v5.4
	Cellular	M.2 5G module (optional)
Power Supply	DC Input	9V ~ 36V, 3-pole Terminal Block
	AC Input	60W power adapter (optional)
Mechanical	Dimensions (W x D x H)	180mm x 120mm x 71mm
	Weight	1.725 KG
	Mounting	Wall mount, VESA DIN rail (optional)
	Antenna Connector	6x SMA connector (optional)
Environmental	Operating Temperature	-20°C to 60°C
	Operating Humidity	5%~90% @40°C (non-condensing)
	Storage Temperature	-40°C to +85°C
	Regularity	CE & FCC class B