

AIX-8000

Edge AI Box



Feature

- **Edge AI Performance**  
48 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 & Storage          | 16GB LPDDR5x, 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-232/422/485               |
|                       | CAN Bus                | 2 x CAN FD and 2.0B                  |
|                       | LED Indicator          | 4 x Programmable LEDs                |
|                       | Digital Input/Output   | 4 (Configurable direction)           |
| Extension Slots       | Analog Input           | 2                                    |
|                       | 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                       |