

Edge AI Box

High Performance, Low-Power AI Processing System



◀ Sub-6



mmWave ▶

- High compute performance with Qualcomm QSM8250 Processor
- High bandwidth sensor connectivity with up to 24 FHD IP cameras
- Huge data buffer and store with max 256GB UFS NAND
- Low latency and high bandwidth cloud connectivity with one of the following
 - Sub-6 5G
 - mmWave 5G
- Hardware level security acceleration with Crypto engine module
- AI inference acceleration with Qualcomm AI100 engine
- Feature-rich Qualcomm AI100 software development API
- Upgradable function with Firmware OTA

Item	Description
Processor	Qualcomm QSM8250
Storage	128G UFS NAND flash (256G compatible)
AI Accelerator Card	Qualcomm AI100-DM.2e
Wireless	5G NR <ul style="list-style-type: none"> • Sierra AirPrime EM9191 (Sub-6G) • Sierra AirPrime EM9190 (mmW)
IO Interface	<ul style="list-style-type: none"> • 2 x RJ45 for 1000BASE-T • 1 x mini FRAKA (1x4) for Camera Input • 4 x SMA Connector for Sub-6G Antenna • 1 x DC Jack Connector for Power in • Chassis Outline: 208.1 x 165.4 x 76.5 mm • Ingress Protection: IP50 for indoor IP67 for outdoor (developing)
Power Consumption	32.53W

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Scenario



Smart **Healthcare**



Smart **Warehouse**



Smart **Community**



Smart **Factory**



Smart **Transportation**



Smart **Grid**



Smart **Hospitality**