



Edge10 First Gen On Board Compute

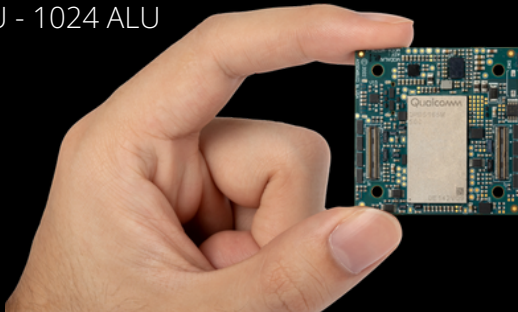


OrbitsEdge First Gen Product

Qualcomm QRB5165

- 4nm feature size
- 64-bit Architecture
- 1 Prime core, up to 3.0 GHz
- Adreno 650 GPU - 1024 ALU
- NPU 15 TOPS AI
- Kernel 4.19.125
- Ubuntu 18.04

First Generation
Board 42x42mm



SBC Characteristics

- open-source tools
 - ROS 2
 - OpenCV
 - TensorFlow Lite
- Dev Board Available
- Up to 8 sensor inputs
- 2X USB Input/Output
- Video Encoding: up to 8K30

Physical Characteristics

- Dual Board Redundancy
- Less than 1U in size, less than 1kg mass
- Planned Board designed for 4-5X improvement in compute performance

Bare Metal
Cost

\$250K

Customization Available
Encryption
Forward Compatibility
Lifetime Support

Software Additions

AI Agents for Spacecraft operations

Custom Training for AI Agents

Ongoing updates for AI Agents