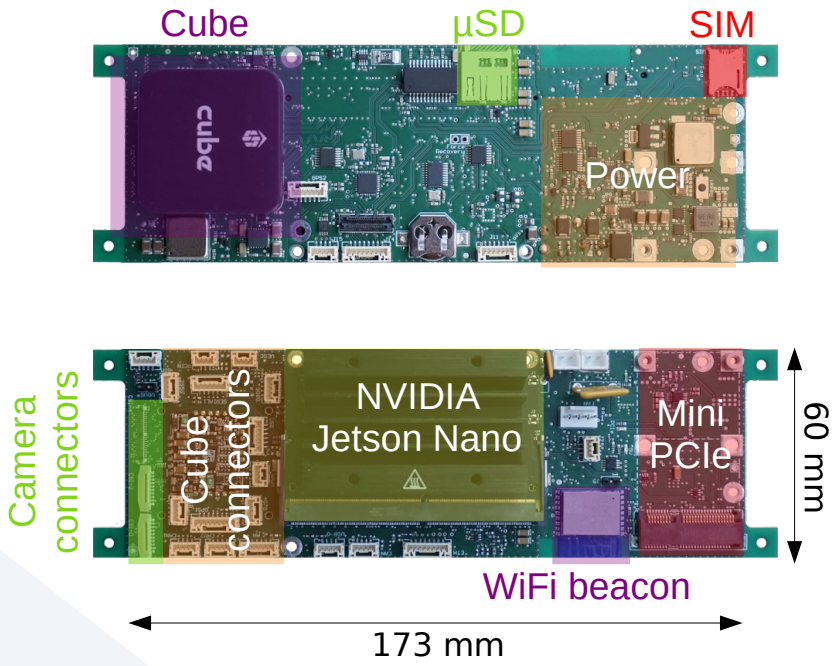
Open.OC 2 – Fact sheet

Open.OC 2 combines a proven autopilot and powerful computer for Artificial Intelligence applications in robotics.

- **Main Features:**
  - High-performance and low-power Edge computing solution for AI applications
  - Internet connectivity: ready for Cloud computing, drone fleet management and more
  - Suitable for all types of autonomous vehicles: UAV (drones), UGV (rover), etc.
  - Compatible with Jetson Nano/TX2 NX/Xavier NX and the Cube autopilot (ArduPilot or PX4)
  - Direct communication between Jetson module and autopilot over UART and CAN
  - Full support for Latest NVIDIA Jetson Linux Driver package (L4T)
  - Dimensions: 173 mm x 60 mm (ex. mounting)
  - Weight: 175 g (incl. the Cube autopilot, Jetson Nano module with standard heatsink)
  - Weight without modules: 81 g
- **Power:**
  - Input voltage: 9-26 V (4S – 6S) with onboard regulators
  - Redundant power supply for the autopilot
  - Power monitoring
- **Vision**:
  - 2x 2-lane MIPI CSI-2
  - 1x 4-lane MIPI CSI-2
  - 1x USB 2.0
- **I/O:**
  - Ethernet
  - CAN
  - UART, SPI, I2C, GPIO
  - Audio
  - I/O from the Cube autopilot
- **Mini PCIe expansion slot:**
  - LTE 4G/5G (nano-SIM slot)
  - Wi-Fi card
  - Telemetry card
  - etc.
- **Misc:**
  - Micro SD-card slot
  - Real-Time Clock with battery backup
  - Crypto element
  - WiFi beacon (user-programmable) for multiple applications such as short-range data transfers, beacon for French drone regulations, etc.
- **Open.OC expansion connector**
  - Add features with expansion boards
  - Open interface specifications
  - Breaks out various interfaces: USB 3.0, I2C, SPI, UART



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