



Hatch IoT Edge Device

Technical Specification



Feature	Specification
Power Requirement	5 V 5A ($\geq 27W$)
Power Supply	12 or 24V DC Connector ($\geq 27W$)
Processing	Quad-core Arm Cortex-A76 CPU @ 2.4GHz
Ethernet	Gigabit (1Gb/s) Ethernet RJ45 with PoE+ support
Wi-Fi	2.4/5GHz dual band 802.11ac Wi-Fi 5 (300MB/s)
Bluetooth	Bluetooth 5, Bluetooth Low Energy (BLE)
Memory	Max. total memory of 64GB (upgradable)
Dimensions	212x123x60 mm (Width x Length x Height)
Water resistance	IP67 enclosure (with weather resistant cables)
Operating System	Linux Ubuntu 24.04 LTS
Interface Support	Internal support for USB, micro HDMI, Ethernet, GPIO
Cellular	3G-4G/LTE support with dual LTE+GPS antenna. Compatible with third-party network carriers (i.e., AT&T).
Positioning (GPS)	GPS/QZSS+BDS+Galileo+GLONASS support with RTK centimeter-level accuracy. Supports multi-GNSS L1+L5 dual-frequency active antenna (SMA or IPEX connector)
Auxiliary Hardware	PoE Injector (to power standalone camera), standalone camera, GPS antenna
Weight	100 g (3.5 oz)
Water resistance	No