



EDGEFLYTE EFC 1

EdgeFlyte Flight Computer 1

A high-performance flight computer for exploring, testing, and experimenting at the edge of space.

Dimensions (no antenna) 4.15 x 2.0 x 0.8 in

Weight..... 120g

Sensing Capabilities

Temperature Range..... -40 – 60°C

Pressure 20 – 1400 mbar

Temperature Accuracy..... ± 0.2°C

Pressure Accuracy ± 5.0 mbar

Humidity..... 0 – 100%

Humidity Accuracy..... ± 2.0%

System Specifications

Radio Frequency 902 – 928 MHz

Channel Allocations..... 6

Max Radio Power 1000 mW

Air Data Rate 2.5 KBps

Input Voltage..... 5v @ 2000 mA MAX

Output Voltage 3v @ 150 mA

Battery Capacity..... 1200 mAh

Battery Voltage 3.7v

SD Card Max Capacity..... 16 GB

Max Altitude 50,000 m

Water Resistance Rating..... IPX7