

Blue



1 Lightweight UAV Development

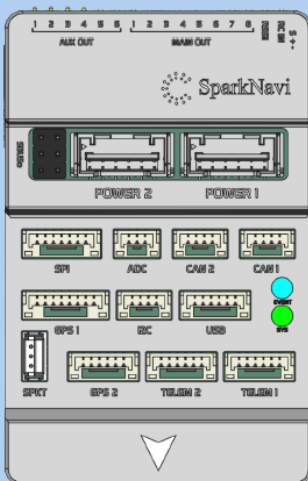
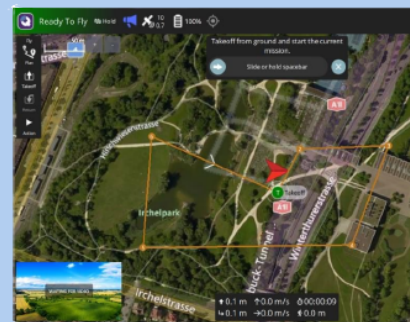
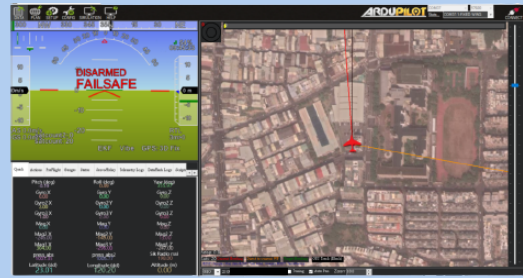
Suitable for compact multirotor or VTOL platforms.

2 PX4/Ardupilot Education Kits

Fully compatible with open-source firmware for learning and prototyping.

3 Cost-Effective Testing Boards

Ideal for early-stage integration and system validation.



ITEM	SPECIFICATION
Core Function	Lightweight Pixhawk V6X Flight Controller
Dimensions	73.8 x 47.5 x 16.95 mm
Weight	70g
Input Voltage	+5.0V ~ +6.0V
Processor	STM32H7 (480 MHz, 2MB Flash) + STM32F1 IOMCU
Sensors	ICM-42688-P + IIM-42652
IMU Type	Dual MEMS IMU
GNSS Support	GPS x2
Special Features	6061 aluminum alloy housing, EMC pre-compliance



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