



Pixhawk 6X (ICM-45686) Standard Set Flight Controller With ICM-45686 IMU

Our Product Introduction

Basic Information

- Brand Name: GS
- Minimum Order Quantity: 1
- Price: Negotiable
- Delivery Time: 6~8
- Payment Terms: T/T
- Supply Ability: 100

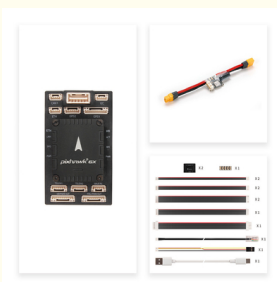


Product Specification

- Highlight: Standard Set Flight Controller, ICM-45686 IMU Flight Controller, ICM-45686 IMU rc flight controller

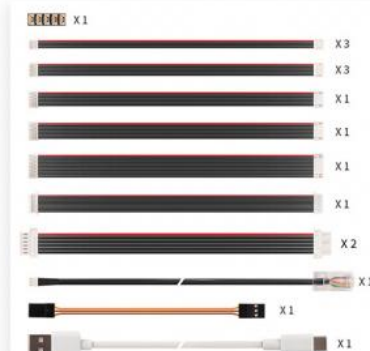


More Images



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The Pixhawk 6X (ICM-45686) Standard Set is a high-performance flight controller that is part of the Pixhawk family. It offers advanced features and improvements, particularly in sensor integration and processing power, to support a wide range of UAV applications. This version includes the ICM-45686 IMU, which enhances its sensor capabilities.



High-Performance Microcontroller:

Processor: 32-bit STM32H743 ARM Cortex-M7.

Clock Speed: 480 MHz, providing significant processing power for complex flight control algorithms and real-time sensor data processing.

Advanced Sensor Suite:

IMU (Inertial Measurement Unit):

Dual IMUs for redundancy: Primary IMU (ICM-45686) and secondary IMU.

ICM-45686: A high-performance accelerometer and gyroscope sensor known for its precision and reliability.

Magnetometer: Integrated compass for accurate heading information.

Barometer: Integrated barometer for precise altitude measurement.

External Sensor Support: Additional ports for external sensors like GPS, optical flow, and rangefinders.

Enhanced Connectivity:

UARTs: Multiple UART ports for serial communication with various peripherals.

I2C: Two I2C ports for connecting external sensors and devices.

CAN: Dual CAN bus interfaces for advanced peripherals and UAVCAN devices.

SPI: SPI ports for high-speed communication with sensors and other devices.

PWM Outputs: 16 PWM outputs for controlling motors, servos, and other actuators.

Company image



Our Services

1. We provide 1 Year Warranty. Buy with confidence.
2. If you are not satisfied when you receive your item, please return it within 14 days for a replacement or money back. Please contact me before you return it.
3. If item is defective in 3 months, We will send you a replacement without extra charger, or offer refund after we receive the defective item.
4. If item is defective after 3 months, you can still send it back to us. We will send you a new one after receiving the defective item. But you have to pay the extra shipping fee.



FAQ

Q1: Do you support OEM/ODM?

A1: Yes. We can print your logo on the product.

Q2: About samples.

A2: Under normal circumstances, samples will be ready within 7 days, and 10-20 days for OEM/ODM orders. Sample fee and

shipping will be charged.

Q3: What is the delivery time?

A3: For regular orders, we can ship within 15 days, for OEM/ODM, we can ship within 25-45 days (depending on the quantity). In the event of delays, we will notify you in advance of the status and resolution.

Q4: What is the minimum order quantity?

A4: There is no MOQ for wholesale (1 piece accepted), including OEM/ODM.

Q5: What are your payment terms?

A5: L/C.TT100%.

Q6: Can you reduce the shipping cost?

A6: When calculating the shipping cost for you, we always choose the cheapest and safest express. Although we have partnerships with shipping companies, we can't keep costs down because it's not us who get paid. If you think it's expensive for you. You can always make your own choice.

Q7: Return policy.

A7: If you want to replace the received item, you must contact us within 7 days after receiving the item. Returned items should be in their original condition and you should pay for additional shipping.



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