



PRODUCT NAME : Pixhawk PX4 2.4.6 32 bit ARM Flight Controller & ; / 7M GPS/4G TF Card/Led External/PPM Module for RC Multicopter



ROBOMART.COM™ ALL RIGHTS RESERVED. Copyrights by Robomart.com

PRICE : Rs 15,999.00
SKU : RM2484

DESCRIPTION

- PIXHAWK intergrated the newest 32 bit chip technology and sensor technology, get rid of the dilemma of having only 8 bit CPU of APM, and CPU occupancy being too high

- Features:
 - - with external LED -Dual Size full angle LED
 - - Advanced 32 bit ARM CortexM4 high performance processor, can operate NuttX RTOX real time operation system
 - - 14 PWM/ Servo Output
 - - Bus interface(UART,I2C,SPI,CAN)
 - - Intergrated back up power and lose efficacy controller, main controller lose efficacy can safely alter to back up control
 - - Providing automatic and manual mode
 - - Providing redundant power supply input and failover
 - - Multicolor LED light
 - - Providing multi sound buzzer interface
 - - Micro SD records flying data
- Hardware parameters:
 - Processor:
 - - 32 bit 2M flash memory STM32F427 Cortex M4, with hardware floating point processing unit
 - - Main frequency: 168MHZi¼OE256K RAM
 - - 32 bit STM32F103 back up processor
 - Sensor:
 - - L3GD20 3 axis digital 16 bit gyroscope
 - - LSM303D 3 axis 14 acceleration/magnetometer
 - - MPU6000 6 axis acceleration/magnetometer
 - - MS5611 high precision barometer

- Interface:
 - - 5 UART, one compatible high voltage, two have hardware flow control
 - - Two CAN
 - - Spektrum DSM/ DSM2/ DSM-X satellite receiver compatible input
 - - Futaba SBUS compatible input and output
 - - PPM signal input
 - - RSSI(PWM or voltage) output
 - - I2C
 - - SPI
 - - 3.3 and 6.6VADC input
 - - External MICRO USB interface

- NEO 7M GPS Specification:
 - Features:
 - - uBlox Neo-7M module
 - - 56-channel
 - - GPS L1 C/A, GLONASS L1 FDMA
 - - QZSS L1 C/A
 - - Galileo E1B/C
 - SBAS: WAAS, EGNOS, MSAS
 - - 10Hz update rate
 - - 25x25x2 Ceramic patch antenna
 - - Rechargeable 3V Backup battery
 - - Low noise 3.3V regulator
 - - I2C EEPROM storage
 - - Power and fix LED™s
 - - Pedestal Mount/Case
 - - Pixhawk/PX4 compatible
 - - LNA MAX2659ELT+
 - - Pre-configured 38,400 Baud and prams

 - package including :
 - - Pixhawk px4 2.4.6 32 bit ARM Flight Controller X 1pcs (with original DF13 connector)
 - - Original shell X 1pcs
 - - Buzzer X 1pcs
 - - PPM module X 1pcs
 - - Safety button X 1pcs
 - - Pixhawk-I2C Splitter Expand Module X 1pcs
 - - External LED light board X 1pcs
 - - 7M GPS for Pixhawk PX4 X 1pcs
 - - 4G SD Card X 1pcs(we have updated it to 8GB SD Card for free instand of the 4GB SD Card Friend, when you pay it, we will send you the 8GB SD Card)

- - SD Card Adapter X 1
-

