



**PRODUCT NAME :** Mini Pixhawk Flight Control 32bit ARM Cortex M4 Pixhawk2.4.6 Hardware w/sd card/safety switch/buzzer/power module

**PRICE :** Rs 16,999.00  
**SKU :** RM2481



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## DESCRIPTION

Mini Pixhawk Flight Control 32bit ARM Cortex M4 Pixhawk2.4.6 Hardware for Mulicopter FPV Photography

- Comparing with the standard version, The revisions made on Pixhawk mini are as follows:
  - - SD card base adopts deadlock function. SD card will not be easily taken out unless press the SIM
  - - The front jacks all adopts imported the gilded needle, has better contact resistance, more stable and reliable
  - - NEC original tantalum capacitor is added in back compass and main power supply, making each sensor has stable power supplying and lesser possibility of aircraft crashing
  - - The same matte black gold plate as the original version, high quality
- - 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
- - Size: from 81.5\*50\*15.5 to 60\*38\*14MM
- - Weight: from 38g to 27g
- - All interfaces are changed to 2.5.4 dupont interfaces both front and behind, convenient for cable connection
- - The internal power supply mode is changede, adopting TI power supply plan, external input voltage can reach to 3-15V wide input
- - The part of IMU is modue group , maximize to reduce the inteferences, more stable state
- Pix Mini Hardware Configuration
  - Processor
    - - 32bits ARM Cortex M4 core includes FPUi¼^ floating point uniti¼%
    - - 168 Mhz/256 KB RAM/2 MB flash memory
    - - 32bits error protection coprocessor

- Sensor
  - - ST Mirco 12bit Gyroscope L3GD20 Upgrade to 16bit Gyroscope L3GD20H
  - - ST Micro 14bits accelerometer/ Magnetometer LMS303D
  - - MEAS barometer MS5611
  
- Power supply
  - - super high performance three channels low differential pressure diode tube paralleling input
  - - any channel supports 3S, directly input and gurantee the stable work of maincontrol All external interface have complete overcurrent shortcircuit, ESD electrostatic protectionInterface
  - - 5 UART serial ports, one supports large power, two have hardware flow control
  - - Spektrum DSM/DSM2/DSM-X satellite input
  - - Futaba S.BUS input and output
  - - PPM sum signal
  - - RSSI<sup>1/4</sup> PWM or voltage<sup>1/4</sup>%input
  - - I2C, SPI, two CAN, USB
  - - 3.3 and 6.6 ADC input
  
- Size
  - - Weight<sup>1/4</sup>š27g
  - - Length: 60MM
  - - Width: 38MM
  - - Height: 14MM
  
- Package Include:
  - - Mini Pixhawk 2.4.6 Flight Controller x 1
  - - Original Shell X 1
  - - 8G SD Card x1
  - - Safety switch x1
  - - Buzzer x 1
  - - power module x1
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