

Link do produktu: <https://www.nobshop.pl/speedybee-fc-kontroler-lotu-f405-wing-mini-fixed-wing-p-4352.html>



SpeedyBee FC Kontroler lotu F405 WING Mini Fixed Wing

Cena brutto	189,99 zł
Cena netto	154,46 zł
Dostępność	Aktualnie niedostępny
Czas wysyłki	1 - 3 dni
Kod producenta	F405WING-MINI
Producent	SpeedyBee

Opis produktu

SpeedyBee FC Kontroler lotu F405 WING Mini Fixed Wing

Specyfikacja:

- MCU: STM32F405,
- Zasilanie: Lipo 2s-6s,
- Gyro: ICM-42688-P,
- Barometr: SPL006-001,
- Blackbox: Slot micro SD,
- Waga: 23g,
- Wymiary: 37x26x14.

- BEC:

- FC BEC output - 5.2V 2A,
- Servo BEC output - 5V/6V 4A,

F405 WING MINI EASY FLY

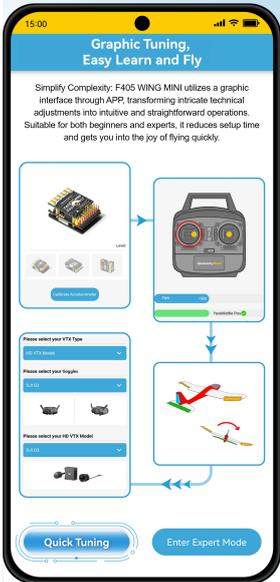
Compact, User-Friendly, Rich-Featured



- Compact Size Flexible Installation
- Graphic Tuning Easy Learn & Fly
- Plug and Play Easy Installation
- Wireless Tuning 2.0 Extended Range
- Support VTOL Function
- HD & Area-VTX Plug & Play
- Layered Design Stable and Reliable
- Onboard Current Sensor, Dual BEC
- Included 9V Pin Header, Lower Height
- Dual Cam Switch, Explore Both Views
- F405 All Pins BreakOut
- Support PWM & Analog

Mini Size, Mega Ease Flexible Installation

Small yet mighty, the compact size of F405 WING MINI doesn't compromise functionality. Its sleek design not only saves space but also cleverly integrates almost all essential features. From compact glider cockpits to sub-250g fixed-wing, F405 WING MINI fits effortlessly into any space.



Neat and Easy Installation, Plug-and-Play

F405 WING MINI provides a tidy and straightforward installation experience. Whether connecting GPS or FPV cameras, the well-organized layout ensures quick and hassle-free connections. With labeled solder pads on the socket's back, it offers an efficient and reliable option for customization, perfectly balancing ease of use and professional-grade reliability.



Wireless Tuning 2.0: Elevated Performance

Instant and Stable Connectivity: F405 WING MINI's wireless tuning function has been upgraded to version 2.0, offering a smoother and more reliable experience. App-based operations are now quicker with reduced loading times. Even for long-distance adjustments, it responds rapidly, ensuring efficient and simpler tuning.



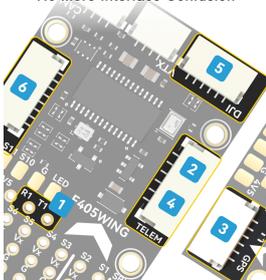
Double the View, Double the Fun

Explore Your Vision: F405 WING MINI introduces dual camera switching without the need for complex mechanisms. With a simple one-button switch, you can effortlessly capture a wide range of perspectives from different cameras. Whether you want to capture breathtaking landscapes or follow formations, every flight is an exciting exploration filled with fresh angles and views.

*This feature currently supports switching only between analog cameras.



Full MCU Pinout BreakOut: No More Interface Confusion



- | | |
|---|---------------------------------------|
| 1 | ELRS/TBS Receiver |
| 2 | SBUS Input or Other Peripherals |
| 3 | GPS Module |
| 4 | Telemetry Module or Other Peripherals |
| 5 | HD VTX or Analog VTX |
| 6 | On-board Wireless Controller |

UART

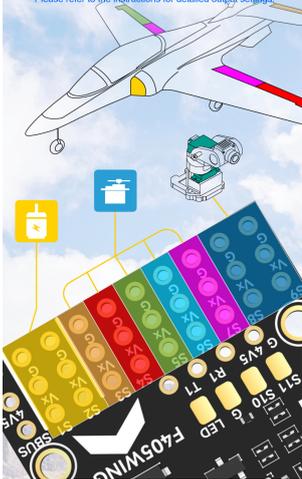
Up to 6 UART ports for easy expansion, allowing you to connect various external modules such as GPS, HD VTX.



Up to 11 PWM outputs
9 straight-pin headers
3 reserved solder pads
For motor and servo control

It makes F405 WING MINI suitable for a variety of fixed-wing aircraft, including conventional layout aircraft, V-tail aircraft, aircraft with flaperons, and VTOLs.

**Please refer to the instructions for detailed output settings.*



INAV / ArduPilot Dual Firmwares, Choose As You Like

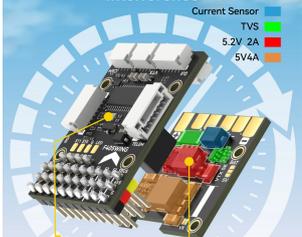
INAV offers a user-friendly setup for easy FPV flight handling, while ArduPilot provides advanced capabilities to explore more challenging flying styles.

Stabilize your flight, automatic take-off, Wing Racing, Formation Flying... whether you are a beginner or an expert, F405 WING MINI can fulfill all your flying dreams.



SUPPORTED FIRMWARE	INAV	ARDUPILOT
EASY TO USE	★★★★★	★★★
GPS TRACKING	★★★★★	★★★★
FLY MODES	★★★★★	★★★★★
GPS TAKE-OFF	★★★★★	★★★★★
FORMATION FLYING	★★★★★	★★★★★
WING RACING	★★★★★	★★★★★
WING RACING TRACKING	★★★★★	★★★★★
FORMATION FLYING TRACKING	★★★★★	★★★★★

Multi-Layer PCB Design For Cool And Stable Operation Without Interference



Sensor

Designed with separate layers for power supply, FC, and function modules, effectively resolving sensor interference caused by power circuits.

Power supply

Up to 2 high-power BECs with larger heat dissipation areas, ensuring cool and reliable operation, enabling longer and more stable flights for a better flying experience.

Vertical Takeoff and Landing Fly Anywhere!

F405 WING MINI, with seamless vertical takeoff and landing, and intuitive tuning through INAV 7.0 firmware, enables enthusiasts to explore vertical flight effortlessly. F405 WING MINI is versatile, providing convenience in urban and open environments.



HD & Ana VTX: Direct Plug-and-Play Interface

HD and Analog, easy flying choices. F405 WING MINI's plug-and-play interface supports both HD and Analog VTX.



*The VTX power interface Vx offers two power supply options: direct battery voltage or integrated BEC Vx. (Using the 5Vx option BEC voltage!)

By default, it is set to battery voltage. (Ensure the VTX and camera input voltage range is compatible.)

More Useful Features



Function Expansion
More features with stackable extensions. Stay tuned for updates!



Wireless Function Upgrades
Enhance functionality through firmware updates. Stay tuned for updates!



BDOOT Button Operations
Firmware flashing or wireless modes with a single press.



Servo BEC External Power Option
Disconnected to avoid BEC and boost Vx power with an external servo BEC.



Buzzer Mute Switch
Mute the buzzer easily with a switch during configuration.



Precision Current Sensor
Optimized current scale for low current range (1-10A) during cruise.



Dimensions



Weight: 23g
(including wireless USB Extender)

Package



