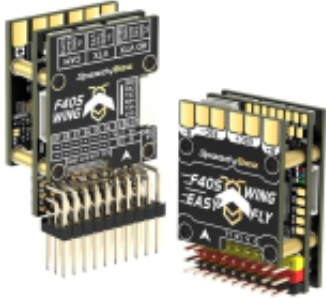


Link do produktu: <https://www.nobshop.pl/speedybee-fc-kontroler-lotu-f405-wing-mini-fixed-wing-p-4352.html>



## SpeedyBee FC Kontroler lotu F405 WING Mini Fixed Wing

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

### 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.



15:00

### Graphic Tuning, Easy Learn and Fly

Simplify Complexity: F405 WING MINI utilizes a graphic interface through APP, transforming intricate technical adjustments into intuitive and straightforward operations. Suitable for both beginners and experts, it reduces setup time and gets you into the joy of flying quickly.

Load

Please select your VTX Type

Please select your VTX Model

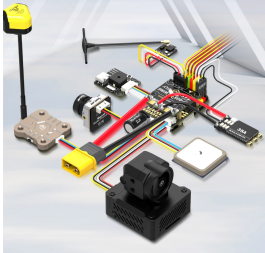
Quick Tuning

Enter Expert Mode



### 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.



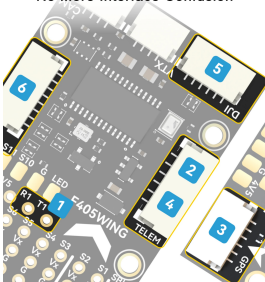
### Double the View, Double the Fun

**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



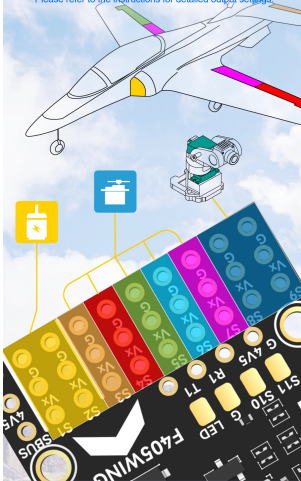
Up to 6 UART ports for easy expansion, allowing you to connect various external modules such as GPS, HD VTX.



**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

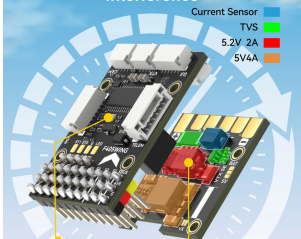
INAV offers a user-friendly setup for easy FPV flight handling, while ArduPilot provides advanced capabilities to explore more challenging flying styles.

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        | ★★★★★ | ★★★★      |
| FLYING MODES        | ★★★★★ | ★★★★★     |
| ADDITIONAL FEATURES | ★★★★★ | ★★★★★     |
| COMMUNITY           | ★★★★★ | ★★★★★     |
| DOCUMENTATION       | ★★★★★ | ★★★★★     |
| FORUMS              | ★★★★★ | ★★★★★     |
| TECHNICAL SUPPORT   | ★★★★★ | ★★★★★     |

### 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 5Vdc servo 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.



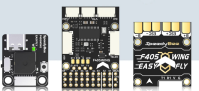
**Servo BEC External Power Option**  
Disconnected to avoid BEC and boost Vx power with an external servo BEC.



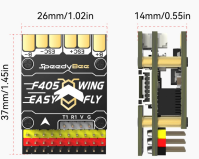
**Buzzer Mute Switch**  
Mute the buzzer easily with a switch during configuration.



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



## Dimensions



Weight: 23g (including wireless USB Extender)

## Package

- |  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
- 8pin-SHT 09m Wireless USB Extender Cable (150mm) x1
  - 4pin-SHT 09m Analog VTX Cable (300mm) x1
  - 4pin-SHT 09m GPS Module Cable without Connector on another end (300mm) x1
  - 8pin-SHT 09m Digital VTX Cable (300mm) x1
  - 4pin-SHT 09m to 3pin-2011 25mm FTX Cam Cable (300mm) x1
  - 4pin Dupont single-head Cable (150mm) x1

