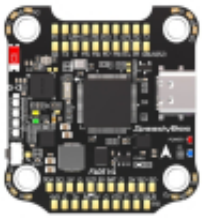
Dane aktualne na dzień: 28-11-2026 01:56

Link do produktu: https://www.nobshop.pl/kontroler-lotu-fc-speedybee-f405-v4-p-4350.html



Kontroler lotu FC SpeedyBee F405 V4

Cena brutto	**189,00 zł**
Cena netto	**153,66 zł**
Dostępność	**Aktualnie niedostępny**
Czas wysyłki	**1 - 3 dni**
Kod producenta	**SB-F405-V4**
Producent	**SpeedyBee**

Opis produktu

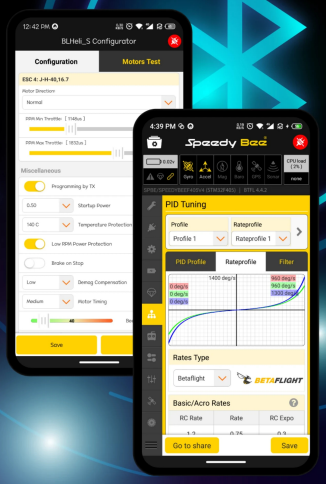
Kontroler lotu FC SpeedyBee F405 V4

MCU: STM32F405,
Zasilanie: Lipo 3s-6s,
Gyro: ICM42688P,
Blackbox: Slot micro SD (Max 32GB, Betaflight maksymalnie widzi 4GB),

Baro: Tak,
BEC: 5V/2A 9V/2A,
Bluetooth: Tak,
Camera Control Tak,
Waga 10,5g,
Wymiary 42 x 40mm.

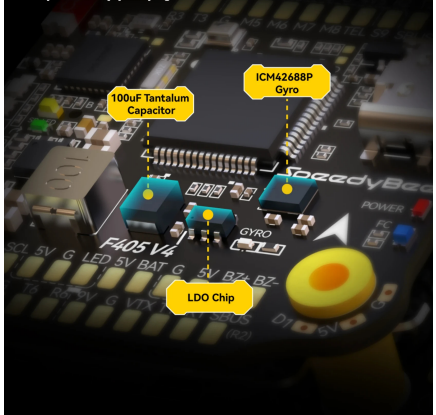
Configure your FC and ESC via Bluetooth!

With SpeedyBee app, turn your phone into an all-in-one FC configurator and tune your quad anytime, anywhere. Enjoy wireless, fully configurable ESC experience with SpeedyBee app



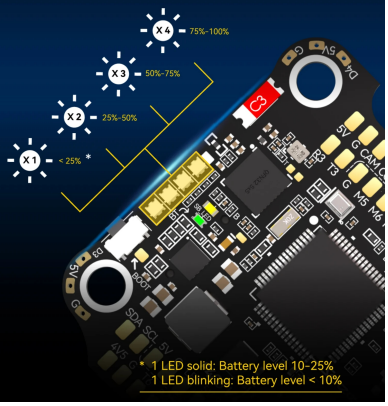
ICM42688P Gyro and clean power supply.

Featuring MaxLinear's esteemed LDO power chip, the gyroscope gets dedicated power, enhancing surge protection by 320%. A 100uF filtering tantalum capacitor shields gyro data from power interferences. This ensures precise flight responsiveness, letting you truly savor the joy of flying!



Forgot your LiPo checker? Just look at the FC!

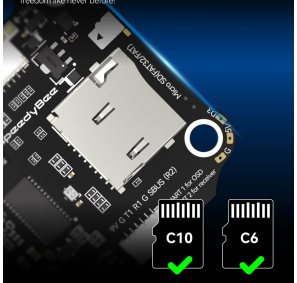
On the side of the flight controller, you will find a 4-level battery capacity indicator. As soon as you connect the battery, you can instantly see the battery level, saving you the hassle of needing to put on glasses to check the battery status.



SD card compatibility issue fixed!

The F405 V3 FC faced compatibility issues with certain microSD cards, with a few even occasionally affecting the stable OSD display. The improved F405 V4 flight controller, however, addresses these challenges. It reliably supports C4, C6, C10, and higher cards at 2k/4k logging rates.

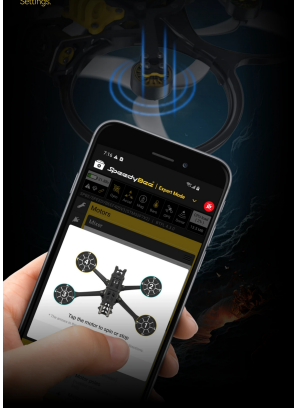
BF/INAV can recognize up to 4GB of black box space. Once you clear the SD card, you can enjoy 1000+ flights. Experience black box freedom like never before!



Change motor directions wirelessly!

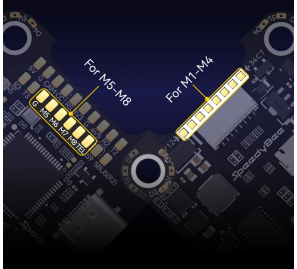
Are you still using a computer to change motor directions? With this stack, when you finish your build, connect to the SpeedyBee app, change the motor directions just in a few simple steps*. Then take off.

* To use this feature, please go to the App > Motors > Motor Direction Settings.



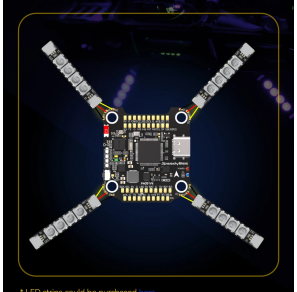
8 motors output for X8/Y6/fixed-wings.

You could use this stack to build your X8 drones, Y6 drones or fixed wings. Forget about crawling through your massive build just to plug in that USB cable. Just take out your phone to configure everything in the SpeedyBee app.



4 sets of LED pads with simple switching.

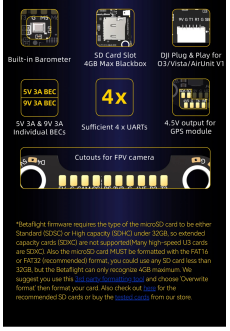
Need more visibility at night? Just solder up your LED strips* and blaze the darkest trail you can find. With just one tap on the BOOT button, you can cycle through all different LED presets** and pick the one you love!



* LED strips could be purchased here
**Or long press the boot button to switch to Betaflight LED mode.

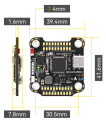
And packaged with more useful features.

- Built-in barometer for accurate height calculation
- SD card slot can support up to 4GB Blackbox data*
- Dedicated DJI Air Unit connector for a quick digital build
- 5V & 9V Dual BECs now upgraded to both 3A output
- 4 x UARTs for your receiver + VTX + camera + GPS
- Power your GPS with a USB cable - no battery needed. No extra heat, no worries
- 22mm cutouts for FPV camera in your tight build

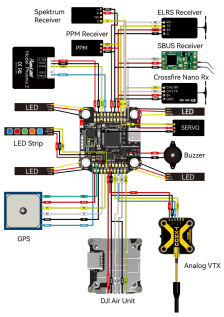


*Betaflight firmware requires the type of the microSD card to be either Standard (SDSC) or High capacity (SDHC) under 32GB, so extended capacity cards (SDXC) are not supported(Many high-speed U3 cards are SDXC). Also the microSD card MUST be formatted with the FAT16 or FAT32 (recommended) format, you could use any SD card less than 32GB, but the Betaflight can only recognize 4GB maximum. We suggest you use this SD card formatting tool and choose 'Overwrite format' then format your card. Also check out here for the recommended SD cards or buy the tested cards from our store.

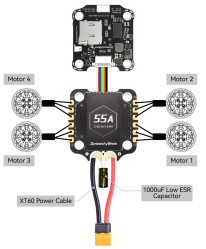
Dimensions



Wiring Diagram

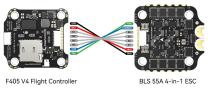


Connection with the FC & Motors



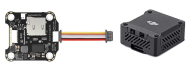
Note1: In order to prevent the stack from being burnt out by voltage spikes on powering up, it is strongly recommended to use the Low ESR capacitor in the package.

Note2: The FC and ESC can also connected via direct soldering. Soldering pads definition is as follows:



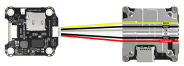
Cable Connection vs DJI O3 Air Unit

Use 6-pin cable comes with the O3 Air Unit



Cable Connection vs RunCam Link/ Caddx Vista Air Unit

Use 6-pin cable comes with the F405 V4 stack
(See the accessory No.11 in the package section)



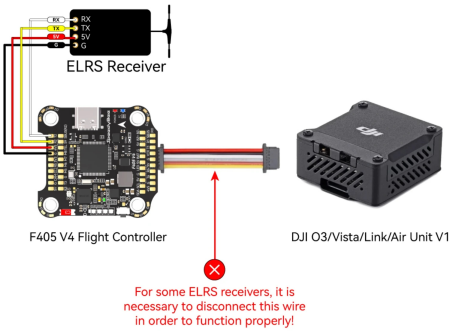
Cable Connection vs DJI Air Unit V1

Use 6-pin cable comes with the F405 V4 stack
(See the accessory No.11 in the package section)



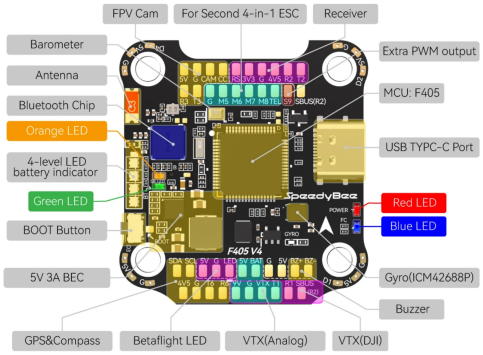
Importance notice for ELRS receiver

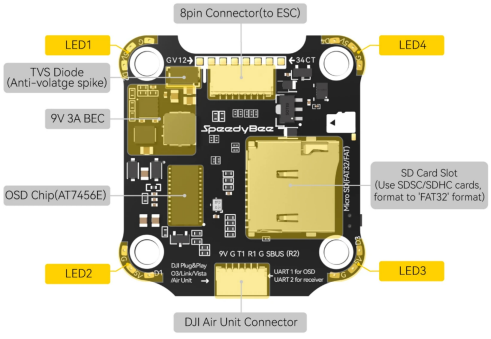
We recommend connecting the ELRS receiver's TX and RX to the T2 and R2 pads on the flight controller. However, when using the DJI Air Unit simultaneously, some ELRS receivers may not be recognized properly by the flight controller. If you encounter this issue, you need to disconnect the SBUS signal wire from the Air Unit harness. You can use tweezers to pick out the SBUS wire from the 6-pin harness connector (or directly cut this wire) and insulate the exposed part of the wire carefully.



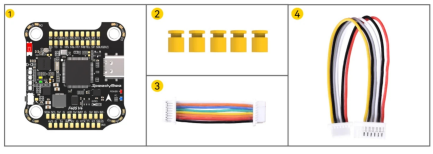
Layout

F405 V4 Flight Controller





Option 2 - SpeedyBee F405 V4 Flight Controller



1. SpeedyBee F405 V4 Flight Controller x 1
2. M3*8mm Silicone Grommets(for FC) x 5
3. SH 1.0mm 30mm-length 8pin Cable(for FC-ESC connection) x 1
4. DJI 6pin Cable(80mm) x 1