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Link do produktu: https://www.nobshop.pl/dron-betafpv-meteor65-brushless-whoop-2022-frsky-elrs-p-4243.html



Dron BetaFPV Meteor65 Brushless Whoop (2022) FrSky / ELRS

Cena brutto	**579,99 zł**
Cena netto	**471,54 zł**
Dostępność	**Aktualnie niedostępny**
Czas wysyłki	**1 - 3 dni**
Kod producenta	**01010021**
Kod EAN	**738156454025**
Producent	**BetaFPV**

Opis produktu

Dron BetaFPV Meteor65 Brushless Whoop (2022) ELRS

WINTER IS COMMING! METEOR65 IS READY!

Meteor65, a leading 1S whoop WINTER TIME drone. This 22.83g lightweight whoop drone comes with a completely new look with a special micro canopy, supporting the serial ExpressLRS 2.4G, Frsky, or TBS RX version. Equipped with the BT2.0 connector, the lightest F4 1S 5A FC (2022), new 0802SE 19500KV motors, and C03 FPV camera. With the combination of those electronics and parts, it reaches the best balance between performance, weight, durability, and premium build design.

Tons of ExpressLRS items are available now!

Bullet Point

- Meteor65 is the first generation whoop drone powered by a brand-new BT2.0 1S battery. The BT2.0 connector effectively decreases internal connector resistance for a much better discharge performance compared with the initial PH2.0 connector.

- By using the latest 0802SE 19500KV motors and 31mm 3-blade props, this kit provides you with a completely different experience of a powerful indoor flight.

- Built-in 1.45g ultralight weight and upgraded C03 FPV camera. This new camera has optimal performance for indoor whoop drones.
- Adopt with injection molding technique, this canopy is 1.60g ultralight weight and is more durable, anti-ruin, and heat-resistant, providing good protection for the whoop drone.
- Reserve two UART ports on F4 1S 5A FC (SPI Frsky) board. The Frsky version also can be used as the PNP version. Therefore, pilots can connect the external receiver to it.
- F4 1S 5A FC (Serial ELRS 2.4G) is flexible in upgrading and has great potential. It supports being upgraded to ELRS V3.0 separately without flashing Betaflight flight controller firmware.

- The various colors of the spare parts including the 65mm frame, micro canopy, and propellers offer pilots more choices. Using them with BETAFPV waterslide decals, pilots can easily DIY and build their unique whoop drones.

Specification

- Item: Meteor65 1S Brushless Whoop (2022)
- Weight: 22.83g (without battery)
- FC&ESC: F4 1S 5A FC (Serial ELRS 2.4G)/F4 1S 5A FC (SPI Frsky)
- Frame: Meteor65 65mm 1S Brushless Frame, Meteor65 Air Brushless Whoop Frame
- Motors: 0802SE Brushless Motor
- Props: 31mm 3-blade props (1.0mm Shaft)
- Tilt: 30° (default)/20° (optional)
- Camera: C03 FPV Camera
- VTX: M03 25-350mW VTX
- Canopy: Canopy for Micro Camera 2022 version
- Battery: BT2.0 300mah 1S Battery
- Flight time: 4 mins

BETAFPV upgraded all Meteor Series quadcopters like Meteor65, Meteor65 Pro, Meteor 75, and Meteor85 whoop quadcopters, through the new flight controller, motors, camera, frame, canopy, etc, to provide the best whoop quadcopters for pilots.

BT2.0 Connector

BETAFPV exclusive designed BT2.0 connector has broken through the bottle-neck of PH2.0 connector. BT2.0 connector has decreased internal resistance of connector effectively allowing more current to be transferred, which means it supports 9A continuous current (15A burst). This means stronger power and longer flight time on 1S brushless drones while PH2.0 just supports 4.5A. You can enjoy more flight time without disturb of low voltage warning due to reducing voltage sag.

Flight Controller & ESC

The latest F4 1S 5A flight controllers are applied to all BNF versions of Meteor65. It features Serial ELRS 2.4G instead of SPI ELRS 2.4G for ELRS version compared to the previous version. The Frsky version reserves two UART ports for the available external receiver so it can be used as PNP and can be switched to Futaba SFHSS protocol through Betaflight configurator. The ESC on the new board powered by BB51 hardware in place of BB21 comes with Bluejay 96k ESC firmware, allowing 0802SE 19500KV motors to give full play to the efficiency of power. We update the gyro to BOSH BMI270 for better performance and stability since the new F4 1S 5A FC.

	Meteor65 (ELRS)	Meteor65 (Frsky, PNP, TBS)
FC Inside	F4 1S 5A FC (Serial ELRS 2.4G)	F4 1S 5A FC (SPI Frsky)
Gyro	BMI270	BMI270
FC Firmware	BETAFPVF411	BETAFPVF411RX
UART Port	One UART Port	Two UART Ports
External RX	Not Supported	Supported

Note: For F4 1S 5A FC (serial ELRS 2.4G), ONLY Betaflight firmware 4.3.0 and up start to support BMI270 gyro. For F4 1S 5A FC (SPI Frsky), we recommend using BETAFPVF411RX 4.2.11 firmware and CLI dump file offered by BETAFPV. If you update the 4.3.0 and up firmware for serial ELRS 2.4G

from the Betaflight official site, please flash the CLI dump file for Meteor65.

Download the FC firmware and CLI dump file for Meteor 65 ELRS2.4G, Frsky, or TBS.

C03 Camera

C03 FPV Micro Camera is 1.45g ultralight weight and a great camera for indoor micro FPV quadcopters. It features a 1200TVL definition with 1/3" CMOS sensor, 2.1mm lens for 160° FOV, and excellent latency, which boasts high-quality, clear and sharper images through your goggles.

Motors

0802SE 19500KV Motor motor is a lightweight 1S motor, compared with the 0802 series brushless motors, it is not only significantly reduced the weight which is only 1.88g/pc but also ensures excellent performance of power and thrust. It makes the perfect dynamic balance, which gives the drone more flexibility and longer flying time.

Meteor65 Frame

The lightest lower profile 65mm frame - Meteor65 frame is 3.25g only. The battery slot is closer to the center of gravity for a smoother flying experience, and you will land on the motor screws instead of the battery. There are more options for colorful frames such as Beta-blue, mint-green, sakura-pink, mango-orange, etc.

Recommended Parts

- Radio Transmitter: LiteRadio 3 Pro, LiteRadio 3, LiteRadio 2 SE
- Goggles: VR03 FPV Goggles, VR02 FPV Goggles
- Battery: BT2.0 300mah 1S Battery
- Props: 31mm 3-blade props (1.0mm Shaft)
- Colorful Frame: Meteor65 65mm 1S Brushless Frame
- Colorful Canopy: Canopy for Micro Camera 2022
- Sticker: BETAFPV Waterslide Decals
- Charger: 6 Ports 1S Battery Charger & Adapter
- Screws: Meteor Series Motor Fixing Screws Pack (40PCS)
- BT2.0 Series Accessories

FAQ

- Download the FC firmware and CLI dump file for Meteor 65.
- ExpressLRS is the most popular radio link in 2021. ExpressLRS aims to achieve the best possible link performance in both speeds, latency, and range. Know more about the ExpressLRS project on Github or join the discussion in the Facebook Group.

Package

- 1 * Meteor65 Brushless Whoop Quadcopter (2022)
- 2 * 300mAh 1S 30C Battery with BT2.0 connector
- 1 * BT2.0 Battery Charger and Voltage Tester
- 1 * TypeC USB cable
- 1 * Customized Carry Case

- 1 * Spare 31mm 3-blade props (1.0mm Shaft)
- 1 * Screwdriver
- 3 * Decorative Parts
- 1 * 20° Lens Camera Mount for C03 Camera
- 1 * 30° Lens Camera Mount for C02 Camera
- 1 * Pack of Screws

Produkt posiada dodatkowe opcje:

Wersja odbiornika: ELRS 2.4G , FrSky