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Link do produktu: https://www.nobshop.pl/dron-hummingbird-whoop-racespec-v2-bnf-the-ultimate-racing-whoop-p-4849.html



Dron Hummingbird Whoop RaceSpec V2 BNF – The Ultimate Racing Whoop

Cena brutto	**579,99 zł**
Cena netto	**471,54 zł**
Dostępność	**Aktualnie niedostępny**
Czas wysyłki	**1 - 3 dni**
Producent	**NewBeeDrone**

Opis produktu

Hummingbird Whoop RaceSpec V2 BNF – The Ultimate Racing Whoop

The **Hummingbird Whoop RaceSpec V2** is the next evolution of our dedicated racing whoop series, built for professional FPV racers who demand **precision, durability, and peak performance**. Designed as the successor to the **Hummingbird V3.1 RaceSpec**, this new version refines and optimizes every aspect of the drone for serious competition.
We've made significant updates to enhance **stability, power handling, and durability** without adding unnecessary weight, because every gram matters when you're pushing the limits on the track.

Key Upgrades & Features:

Upgraded Flight Controller – Stable & Efficient Power

- The MCU is upgraded to **AT32 F4 with a 216MHz clock speed** (previously 288MHz). This intentional downgrade prioritizes **stability and reliability**, ensuring consistent performance in demanding race environments.
- **Double N MOS ESC design** (upgraded from N+P MOS) provides **up to 18A per channel**, delivering superior efficiency and power handling.
- **No onboard USB port** to reduce weight – instead, we've included a **USB-C adapter** for tuning when needed.

SmartMax VTX – Power & Compliance in One

- **Adjustable VTX power up to 400mW** with **SmartMax thermal regulation**, ensuring the board stays protected while delivering high power.
- **Precise 25mW output**, just like the previous version, keeping you within race-legal limits. **No worries about exceeding VTX power limits in competitions.**

Race-Optimized ExpressLRS Receiver

- Now featuring a **UART-based ELRS receiver**, allowing **race mode activation, WiFi settings configuration, and seamless performance tuning**.
- Uses a **ceramic SMT antenna**, which is not only **lighter** but also significantly **more durable**, perfect for intense racing conditions.
- This ELRS Receiver is not official approve by ELRS team because the ESP8285 are no longer adapted by the new ELRS design guideline. If you need to update the firmware, here is the firmware

Enhanced Build for Durability & Simplicity

- **Reverse plug-in protection** added to prevent catastrophic failures due to incorrect power lead soldering—**a common issue with non-standard BT2.0 power cable colors.**
- **Bigger solder pads for motors** and **no motor plugs**, designed for **RaceSpec professionals** who prefer direct soldering for ultimate reliability.

Brand-New BeeEye V2 Camera – Lighter, Sharper, Better

- Featuring a **10x10mm footprint PCB**, reducing weight while improving **color accuracy and overall image performance**—giving racers better visuals for precise control.

Optimized for Betaflight 4.5.1 RacePro

- Preloaded with **Betaflight 4.5.1 RacePro firmware**, similar to the previous KAACK firmware, ensuring **top-tier race tuning and responsiveness**.

Specifications:

- **Weight:** 16.5g
- **Flight Controller:** AT32 F4 (216MHz)
- **ESC:** Double N MOS (up to 18A per channel)
- **Motors:** HMB RS 0702 30000KV RaceSpec
- **VTX:** SmartMax up to 400mW with thermal regulation
- **Receiver:** UART-based ELRS with WiFi settings
- **Antenna:** Ceramic SMT for durability and weight savings
- **Camera:** BeeEye V2 (10x10 PCB)
- **Battery Connector:** High Efficient NX69
- **Firmware:** Betaflight 4.5.1 RacePro
- **USB Connector: USB Type-C adapter**

The **Hummingbird Whoop RaceSpec V2 BNF** is built for **serious racers** who need a **lightweight, high-performance whoop** that can handle the intensity of competition. With **powerful hardware, precise tuning, and a focus on reliability**, this drone is ready to take your racing to the next level.

Race harder, fly faster, and dominate the track with the Hummingbird Whoop RaceSpec V2.

Specification:

Frame: NewBeeDrone Cockroach 65mm Brushless LiteAF Racing Frame Black
Flight Controller: Hummingbird Whoop RaceSpec v2 AIO Flight Controller
Motors: Hummingbird 0702 RaceSpec true 3000kv Motor
Motor Screws: NewBeeDrone Motor Screws M1.4*2mm - Set of 15
Propellers: Azi (Tri Blade) Micro Propellers 31mm - 1.0mm Shaft
Camera: BeeEye V2 Camera
Camera Mount: Hummingbird RaceSpec Cam mount. TPU 3D Printed Version
VTX Antenna: 5.8g RaceSpec Antenna
Power Connector: GNB A30 Compatible with BT2.0

Flight Controller Spec:

MCU: AT32F4
GYRO：42688
VTX: True 25mw and up to 400mw SmartMax 5.8g Analog VTX
ESC: 18A pre-flashed with Bluejay 0.19.2 48kHz
ESC Connector: direct solder Pad Recommend Whoop RaceWire
OSD: NBD7456 graphical OSD compatible with Betaflight OSD Perfect Edition
Receiver: Uart ExpressLRS 2.4G with SMT Antenna (ESP8285)
Flight Controller Weight: 4.71g (Include antennas and battery connector)
Flight Controller Size: Outer dimensions: 29x29x7.6mm
Flight Controller Holes: 25.5x25.5mm
Battery input: 1S Only**Recommend 300mAh 1S 3.8V**
Uart1:free
Uart2:free
Power Plug: GNB A30 Connector compatible with BT2.0

Binding Instruction: Since its UART base, you plug in battery 3times to trigger the bind mode or power on wait for 60seconds to get into wifi mode and input your bind phase)

⚠ Important Notice – Read Before Purchase

WARNING: THIS IS NOT A TOY — FOR EXPERIENCED FPV RACERS ONLY

The **Hummingbird Whoop RaceSpec V2 BNF Drone** is a **high-performance racing drone** built exclusively for **professional FPV pilots**. It is engineered for **extreme speed, precision, and agility**, and should be treated like a race car—not a beginner-friendly vehicle.

If you're new to FPV or unsure of your piloting skills, **this product is not for you**.

User Guide download scan code below

Warranty & Support Terms

- **Warranty covers DOA (Dead on Arrival) units only.**
- To qualify for warranty, the drone must be returned in **unused, unmodified, and undamaged** condition—free from crashes, scratches, missing parts, or soldering modifications.
- **Physical crash damage, pilot error, or misuse is not covered under any circumstance.**

Each RaceSpec unit is **hand-assembled and fully tested by our in-house pilots** before shipping. The likelihood of receiving a defective unit is extremely low.

We cannot absorb damage costs caused by user crashes, especially given the rising operational costs from recent tariff changes.

If you're unsure about your ability to fly and maintain a professional racing drone, **we strongly recommend choosing a more beginner-friendly model Hummingbird V4 Standard Version.**

By purchasing this product, you confirm that:

- You are an experienced FPV pilot.
- You understand and accept the terms above.
- You agree that any damage caused by use—including crashes—is solely your responsibility.

If you do **not** agree with these terms, **please do not purchase this product**.

We appreciate your understanding and support. Let's keep the skies fast and clean. ????

For those who are new to FPV racing, we recommend the **Hummingbird V4 Standard Version**. This version is designed with beginners in mind, offering a more durable frame and easier repairability, making it better suited for pilots learning the ropes.

Important Notice: If you experience issues with your drone, **do not flash the firmware**. Simply perform a factory reset using the configuration tool (e.g., Betaflight Configurator) and then do an accelerometer calibration. For further assistance, please contact our support team.

Review Video: