Dane aktualne na dzień: 08-11-2026 21:00

Link do produktu: https://www.nobshop.pl/newbeedrone-hummingbird-200-racespec-stack-20x20mm-elrs-fc-80a-am32-esc-p-4922.html



NewBeeDrone Hummingbird 200 RaceSpec Stack 20x20mm – ELRS FC + 80A AM32 ESC

Cena brutto	**509,99 zł**
Cena netto	**414,63 zł**
Dostępność	**Aktualnie niedostępny**
Czas wysyłki	**1 - 3 dni**
Kod producenta	**NBD5281+NBD5511**
Producent	**NewBeeDrone**

Opis produktu

Hummingbird 200 RaceSpec Stack 20x20mm – ELRS FC + 80A AM32 ESC

The **Hummingbird 200 RaceSpec Stack** is a purpose-built 20x20 flight stack designed from the ground up for competitive 5” FPV racing. Co-developed with professional racer **Kyle Buell (aka Twidgit)** and tested rigorously over half a year of real racing conditions, this stack delivers the durability, precision, and simplicity that race pilots demand.

At the heart of the system is the **Hummingbird 200 Flight Controller**, powered by a blazing-fast **AT32F435 MCU at 288MHz**, offering performance that surpasses even F722 processors. It features the highly respected **ICM-42688 gyro** with **dedicated LDO power**, and a built-in **UART-based ExpressLRS 2.4GHz receiver** with **dual ceramic patch antennas** and a **TCXO oscillator** for unmatched signal stability. This design eliminates the need for external receivers, simplifying builds and improving reliability during crashes.

Paired with the FC is the **Hummingbird 200 4in1 ESC**, rated for **80A continuous for 10 seconds and 100A burst for 3 seconds per channel**, supporting 3–6S LiPo input. Built on a **6-layer 3oz copper PCB** with **blind vias and gold plating**, this ESC is engineered to survive repeated abuse. It features **three massive onboard TVS diodes** for voltage spike protection and **four corner-mounted capacitor pads** for larger builds.

A standout feature is the **3D reinforced motor pad design**—with solderable surfaces on the top, bottom, and side—ensuring rock-solid motor wire attachment that won’t rip off even in hard crashes.

Priced at just **$99**, this stack shatters expectations, offering elite-level performance and racer-driven durability at a fraction of the market price. Built by racers, for racers.

Key Features

???? Flight Controller (Hummingbird 200 FC RS)

- AT32F435 MCU @ 288MHz – faster than F722
  IF YOU CANNOT GET INTO DFU, PLEASE INSTALL AT32 DRIVER
- Built-in ExpressLRS 2.4GHz receiver (UART-based)
  Firmware target name(NewBeeDrone Diversity 2.4Ghz RX V2)
    - Dual ceramic patch antennas

    - TCXO oscillator for signal stability

- ICM-42688 gyro with dedicated LDO power supply - External clock sampling in BF4.6 reduces gyro noise, improves stability.
- NBD7456 OSD chip
- 10V 2A and 5V 2A dual BEC power outputs
- UART Layout:
    - UART1: Internal ELRS
    - UART5: Direct HDZero VTX plug
    - UART7: Free
- I2C and LED pad ready
- Mounting: 20x20mm (M2 or M3)
- Weight: 4.8g
- Comes with Nano Coating

⚡ **ESC (Hummingbird 200 RS 4in1 ESC)**

- 10 Seconds Continuous Current: 80A per channel
- 3 Seconds Burst Current: 100A (3s)
- Voltage Input: 3–6S LiPo
- AT32F421 MCU with integrated gate driver
- Firmware: AM32
- 6-layer, 3oz copper PCB with blind via and gold plating
- 2x onboard TVS diodes rated for 400W peak
- 3D motor pad structure (top + bottom + side solderable)
- Mounting: 20x20mm (M3 holes)
- Dimensions: 35x45mm (incl. pads)
- Weight: ~13.9g
- Comes with Nano Coating

User Guide: Link

Wire Diagram:

Include:
FC:
1x Hummingbird 200 RaceSpec Flight Controller – AT32F435 20x20 FC with Built-in ELRS 2.4GHz for FPV Racing
5x Grommets
1x DJI O3/O4/HDZERO plug and play cable 100mm
1x SH1.0 8Pin 36mm for FC to ESC

2x 120mm silicon wire 4color cable

ESC:
1x Hummingbird 200 ESC RaceSpec 80A 3-6S AM32 20x20 Design for Extreme Racer
5x Grommet
1x 14awg Power cable
1x XT60 Plug
1x 8Pin 100mm Silicone Cable for FC Connection
1x 1000uf Capacitor
2x Tiny heat shrink for capacitor