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Link do produktu: https://www.nobshop.pl/newbeedrone-hummingbird-305-flight-stack-f722-fc-with-built-in-elrs-80a-4in1-esc-p-4921.html




# NewBeeDrone Hummingbird 305 Flight Stack – F722 FC with Built-in ELRS + 80A 4in1 ESC

| | |
|---|---|
| Cena brutto | **584,99 zł** |
| Cena netto | **475,60 zł** |
| Dostępność | **Dostępny** |
| Czas wysyłki | **1 - 3 dni** |
| Kod producenta | **NBD5291+NBD5521** |
| Producent | **NewBeeDrone** |

## Opis produktu

### Hummingbird 305 Flight Stack – F722 FC with Built-in ELRS + 80A 4in1 ESC

**Optimized for 5” to 10” Drones | Up to 8S LiPo Support | Built for Power & Durability**

**Hummingbird 305 Stack combines advanced control with unmatched power.**

This stack is built for serious freestyle and long-range missions, featuring the **Hummingbird 305 Flight Controller** with a high-speed **F722 MCU**, **built-in 2.4GHz ExpressLRS Diversity Receiver**, and full support for **Betaflight & iNAV firmware**. Designed with a TCXO oscillator and barometer, it’s ready for precise GPS navigation and auto-return missions.

Matched with the **Hummingbird 305 4in1 ESC**, this power system supports up to **80A continuous for 10 seconds and 100A burst for 3 seconds per channel**per channel on **3–8S LiPo**, delivering insane performance with robust protection. The ESC features **3oz 6-layer gold-plated PCB with blind vias**, **AT32F421 MCU + integrated Gate Driver**, and **3x massive onboard TVS diodes**, eliminating the need for external surge protection.

This stack is ideal for **5”, 7”, and even 10” drones**, offering maximum reliability, clean wiring, and consistent high-current performance.

### Key Features

**Flight Controller: Hummingbird 305**

- MCU: STM32F722 @ 216MHz
- Built-in ExpressLRS 2.4GHz Diversity Receiver withTCXO Oscillator(Dual Antenna + LNA)
  **Firmware target name**(NewBeeDrone Diversity 2.4Ghz RX V2)
- ICM-42688 Gyro with Independent LDO External clock sampling in BF4.6 reduces gyro noise, improves stability.
- SPL06-001 Barometer
- SD Card Slot for Blackbox Class 10 MicroSD ≤32GB, 4GB for blackbox. FAT32.
- Supports Betaflight and iNAV

- 10V 2A + 5V 2A x2 BEC Outputs
- Analog & Digital VTX Ready (DJI/HDZero/Walksnail)
- Standard 30.5x30.5mm Mounting
- Comes with Nano Coating
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**ESC: Hummingbird 305 4in1 80A 3-8S**

- Continuous Current: 80A/channel 10 Seconds, Burst: 100A 3 Seconds
- Voltage: 3–8S LiPo
- AM32 Firmware Ready (AT32F421 MCU + Integrated Gate Driver)
- TVS: 3x High-Capacity TVS Diodes (Total Peak Power > 1.5kW)
- PCB: 3oz Copper, 6-Layer Blind Via Gold-Plated
- Extra Cap Pad at Corner for 7”/10” Build
- 30x30 Mounting with Thick Power + Motor Pads
- Comes with Nano Coating

## In the Box

**FC:**
1x Hummingbird 305 Flight Controller F722 ICM42688 with Diversity ELRS 2.4 Receiver 30x30
2x 2.4G ELRS Antenna with MHF3 Connector
5x Grommets
1x DJI O3/O4 plug and play cable 100mm
1x SH1.0 3Pin 100mm for analog camera
3x SH1.0 4Pin 100mm for UART Port
1x SH1.0 6Pin 100mm for HD VTX
3x 120mm silicon wire 4color cable

1x SH1.0 8Pin 96mm for FC to ESC

**ESC:**
1x Hummingbird 305 4in1 ESC 80A 3-8S AM32 30x30 Built for Durability & Reliability
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