

Link do produktu: <https://www.nobshop.pl/dron-fpv-mobula6-race-hd-hdzero-aio5-elrs-p-4908.html>



## Dron FPV Mobula6 Race HD HDZERO AIO5 ELRS

Cena brutto	<b>969,99 zł</b>
Cena netto	<b>788,61 zł</b>
Dostępność	<b>Dostępny</b>
Czas wysyłki	<b>1 - 3 dni</b>
Producent	<b>HappyModel</b>

### Opis produktu

#### Dron FPV Mobula6 Race HD HDZERO AIO5 ELRS

##### Comparsion of Mobula6 HDZERO version

##### Description

The Happymodel Mobula6 Race HD BNF is the first 65mm HD brushless tiny whoop that weighs less than 19.4g. With tiny whoops, every gram makes a large difference in flight performance. To achieve such a low weight, HDZero has developed the world's first 5-in-1 AIO that contains a HDZero VTX, FC, ESC, ELRS RX, and 5V1A BEC. Using a single thick PCB rather than a stack of 2 improves durability and simplicity – get ready for a new era of no-compromise tiny whooping in clear digital video!

To keep weight and cost to a minimum, the Race HD BNF features the light weight HDZero Eco camera. The camera outputs HD composite video (720p) via a single wire instead of a MIPI cable, reducing footprint, cost, and increasing durability. The digital video signal has stable color reproduction and 720p progressive scan video with the stable near-zero latency HDZero is known for.

In order to achieve the goal of extreme weight reduction, HAPPYMODEL used original Japanese RENY screws at all costs, and also designed a lighter 5.8G VTX antenna. All these improvements are to make this HD BNF weigh less than 20 grams. We hope you like it.

##### Specifications

- Weight: 19.3g
- Recommended Battery: 1S 300mAh
- Propeller Size: 31mm
- AIO Flight controller
  - MCU: STM32F411 (100MHz, 512K Flash)
  - Gyro: BMI270
  - On board voltage and amperage meters
  - Built-in 5A(each) BLHeli\_S 4-in-1 ESC
  - Built-in 5.8G HDZero VTX
  - Built-in SPI ExpressLRS 2.4GHz receiver
  - Built-in 5V 1A BEC
  - Board size: 28.5×28.5mm with a 25.5×25.5 mounting hole size
  - Firmware target: CRAZYBEEF4SX1280
- **HDZero Eco Camera**
  - Sensor size: 1/3 inch
  - Resolution: 720p60 4:3

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- FOV: D:150° H:120° V:98°

- **Motors**

- Kv:28000
- Stator diameter: 7mm
- Stator length:2mm
- Shaft diameter:  $\Phi$ 1mm
- Weight:1.5g

- **Included**

- 1x Happymodel Mobula6 Race HD BNF
- 1x Spare canopy
- 1x Spare propeller(set)
- 1x Screw driver
- 1x propeller disassemble tool

**Default port and receiver settings:**

**Default factory dump file for betaflight 4.4.2**

[Mobula6 RACE HD dump file for BF4.4.2](#)