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Link do produktu: https://www.nobshop.pl/rama-betafpv-air65-champion-p-5241.html

Rama BetaFPV Air65 Champion



Cena brutto	**19,99 zł**
Cena netto	**16,25 zł**

Opis produktu

Rama BetaFPV Air65 Champion

Engineered to be the lightest 65mm frame at just 2.20g, the Air65 Champion Frame achieves a breakthrough in weight savings without compromising strength. Its optimized ducts and connecting structure reduce frame vibration while increasing thrust, resulting in near-perfect PID response and incredibly agile handling. Built with resilient materials and thoughtful details—from dented motor slots to enlarged FC holes—it’s designed to withstand hard crashes and simplify your build.

Bullet Points

- Weighing only 2.20g, 17% lighter than Air65 II.
- Optimized connecting braces reduce frame amplitude and achieve ideal PID step response.
- Optimized PP blend makes it crash ready.
- Optimized motor mounting slot, enlarged FC mounting holes (25.5 × 25.5mm), and lowered duct profile.

Specifications

- Item: Air65 Champion Brushless Whoop Frame
- Material: PP
- Weight: 2.20g
- Wheelbase: 65mm
- Motor Mounting: 3-M1.4-6.6mm
- Flight Controller Mounting Hole: 25.5×25.5mm
- Battery Slot Size: 11.4×6.2mm
- Maximum Size: 82.6*82.6*13.2mm
- Color: Transparent gray, transparent pink

Diagram

2.20g – The Lightest 65mm Frame

Engineered with one goal—to be the lightest 65mm frame without compromise—the Air65 Champion takes the proven geometry and duct design of Air65 II and pushes it further. By reducing the arm braces and more, it achieves an ultra-light weight of just 2.20g—17% lighter than the Air65 II—a perfect balance between resilience and weight savings.

Reliable Flight

Built from resilient materials that withstand hard crashes and violent maneuvers, the Air65 Champion Frame is engineered for durability. Its connecting arm design—through dozens of structural refinements—effectively reduce frame vibration. Paired with Feedforward tuning, this achieves a near-perfect PID step response with <12ms lag – translating to crisp maneuvers and buttery-smooth freestyle flow.

Details That Make it Champion

Beyond weight savings, thoughtful design simplifies both building and maintenance. Dented motor mounting slots streamline installation, and the included flat-headed M1.4*2mm screws reduce the risk of damage and maintain a clean profile. Enlarged 1.2mm FC holes allow 1.4mm screws to fit effortlessly. Combined with 12.4mm lowered ducts and a 3.8mm slim profile, the frame ensures ample clearance for short-can motors and optimizes propeller airflow for smooth, efficient performance.

Air65 Champion vs. Air65 II

	Air65 Champion Frame	**Air65 II Frame**
Weight	2.20g	2.65g
Arm Braces	3	4
Motor Screws	M1.4*2mm	M1.4*3mm
Duct Diameter	33mm	
Duct Height	3.8mm	
Motor Fixed Slot	Supported	
Screw Protection Structure	Supported	
Propellers	31mm props	

*Note: Use ONLY M1.4*2mm screws to mount motors on the Air65 Champion Frame, or it may cause motor damage.*

Package

- 1 * Air65 Champion Brushless Whoop Frame
- 15 * M1.4*2 flat head screws

Produkt posiada dodatkowe opcje:

Kolor: Różowy , Szary Przeźroczysty