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Dron BetaFPV Pavo Pico II pod DJI O4 Lite/O4 PRO ELRS PNP

Cena brutto	**539,00 zł**
Cena netto	**438,21 zł**
Dostępność	**Aktualnie niedostępny**
Czas wysyłki	**1 - 3 dni**
Kod producenta	**01010047_1**
Producent	**BetaFPV**

Opis produktu

Dron BetaFPV Pavo Pico II pod DJI O4 Lite ELRS PNP

The next-generation Pavo Pico II is the ultimate compact cinewhoop, completely redesigned for the DJI O4 system. It features a new rigid frame with guided mounting for easy assembly, the innovative O4 Bracket II with 4 shock absorbers to eliminate jello, and a new carbon plate that fits both the O4 and O4 Pro air units. Powered by upgraded LAVA 1102 motors for 10% more power and efficiency, all in a lightweight 53.7g design, it delivers stunning, smooth 4K footage wherever you fly. Maximum Performance, Minimal Size.

Bullet Points

- O4 Air Unit Bracket II: The integrated bracket with 4 shock-absorbing balls eliminate jello for butter-smooth video.
- Next-Gen Frame: The supported structure with guided mouting points and 4-screw design make assembly quick and incredibly rigid.
- O4 & O4 Pro Compatibility: A redesigned carbon plate seamlessly integrates both O4 and O4 Pro for stunning HD footage and build versatility.
- New Propulsion: The upgraded LAVA 1102 motors and GF 45mm props deliver a remarkable 10% power increase for explosive thrust, while also enabling extended flight times.
- Small and Lightweight: At a mere 53.7g with an 80mm wheelbase, this pocket-sized powerhouse combines an ultra-lightweight design with the raw thrust.
- Advanced Flight Controller: F4 20A AIO FC with dual BECs, supporting 9V 2A for HD VTX and 5V 3A for external devices.

Specifications

- Items: Pavo Pico II Brushless Whoop Quadcopter
- Color: Black
- Wheelbase: 80mm
- Frame: Pavo Pico II Brushless Whoop Frame
- Recommended Battery: LAVA II 2S 580mAh/680mAH Battery, LAVA 2S 550mAh, LAVA 2S 450mAh
- FC: F4 2-3S 20A AIO FC
- Props: GF 45mm 3B Prop
- Motor: LAVA 1102 | 14000kv
- Battery Connector: XT30
- Battery Slot: 16*12.7mm
- Flight Time: 6:30 min (O4 Version with LAVA 2S 550mAh battery)
- Weight: 39.1g (PNP Version), 53.7g (O4 Version)
- RX Version: Serial ELRS, DJI SBUS

O4 Bracket II: Eliminate the Jello

Building on our proven design, the next-generation O4 Bracket II is engineered for one goal: perfect jello-free video. The first-generation bracket untilizes separate shock-absorbing components for the O4 camera, which is lightweight but complex to assemble and occasionally prone to jello from imperfect installation. In contrast, the O4 Bracket II introduces a fully integrated vibration-damping system. The camera is securely mounted with 4 screws for simplicity and rigidity, while 4 soft-mounted shock-absorbing balls replace rigid connections to isolate vibrations effortlessly. This refined approach eliminates complexity while delivering superior damping performance and long-term stability—so you can focus on capturing flawless video.

Pavo Pico II Frame

The Pavo Pico II frame revolutionizes assembly simplicity. Featuring embedded nuts, it requires just four screws for a secure connection that withstands crashes and ensures hassle-free building. Its advanced injection-molding technology combines a supported structure and three guided mounting points, guaranteeing perfect carbon plate alignment every time while eliminating flex for an incredibly rigid platform. This streamlined approach makes building a durable and high-performance setup easier than ever.

The newly designed carbon plate seamlessly integrates both the DJI O4 and O4 Pro, future-proofing your build and empowering you to capture stunning HD footage without compromise. With pre-tuned PID parameters optimized for both O4 systems, achieving peak performance is effortless—simply select your configuration via the OSD and fly with confidence.

For pilots seeking even greater versatility, the frame supports extensive DIY customization. Attach battery straps or 3D-printed components to accommodate various battery sizes, tailoring your setup to match specific flight preferences and performance requirements.

Flight Controller

The Pavo Pico II features an F4 2-3S 20A AIO Flight Controller specifically designed for HD VTX. Equipped with a dual BEC solution, it provides stable power outputs of 9V 2A for the DJI O4 system and 5V 3A for external devices. The 20A ESC ensures agile and dynamic flight performance, while dedicated HD VTX 6-Pin connectors and a conveniently positioned USB ports simplify installation and maintenance. This FC brings exceptional reliability and professional-grade functionality for Pavo Pico II.

Powerful Propulsion System

Experience a leap in performance with the all-new LAVA 1102 14000KV motors and custom-engineered Gemfan 45mm 3 blade props. This optimized combination delivers a massive 10% increase in propulsion for explosive acceleration, while also achieving remarkable efficiency for extended flight times up to 6:30 minutes.

Uncompromised O4 in the Palm of Your Hand

The Pavo Pico II defies expectations in an ultra-compact form. Weighing a mere 53.7g with an 80mm wheelbase, this powerhouse combines a featherlight design with the raw performance of its optimized propulsion system. Paired seamlessly with the DJI O4 Air Unit, it captures stunning, cinematic 4K/60fps video with an ultra-low latency of just 20ms and a incredible 10km transmission range. Whether navigating tight indoor spaces or soaring outdoors, the Pico II delivers unmatched digital HD clarity and smoothness.

Pavo Pico II vs. Pavo Pico vs. Pavo Femto

	Pavo Pico II	**Pavo Pico**	**Pavo Femto**
Wheelbase	80mm	80.8mm	75mm
Frame	Black Pavo Pico II Frame	Black Pavo Pico Frame	Black Pavo Femto Frame
Weight (PNP)	39.1g	34.6g	40.5g
Weight (without battery)	53.7g (O4) / 78.6g (O4 Pro)	73.5g (O3)	54.77g (O4)
RX	Serial ELRS, DJI SBUS	Serial ELRS, TBS	Serial ELRS, DJI SBUS
HD VTX Bracket	O4 Air Unit Bracket II	HD VTX Bracket	O4 Air Unit Bracket
Compatible VTX	DJI O4 Air Unit, O4 Air Unit Pro	DJI O3 Air Unit, Caddx Vista, RunCam Link, Walksnail Avatar	DJI O4 Air Unit
FC	F4 2-3S 20A AIO FC		

Motor Connector	JST1.25-3Pin		
Motor	LAVA 1102|14000KV	1102|14000KV (2022)	LAVA 1102|14000KV
Prop	GF 45mm 3 Blade		GF 1611 3 Blade
Thrust-to-Weight Ratio	6.35:1 (O4) / 4.88:1 (O4 Pro)	4:1 (O3)	6.75:1 (O4)
Recommended Battery	LAVA II 2S 580mAh 680mAH/ LAVA 2S 450mAh / LAVA 2S 550mAh	LAVA 2S 450mAh Battery	LAVA 2S 450mAh / LAVA 2S 550mAh
Battery Connector	XT30		
Flight Time	6:30 (O4/2S 550mAh) / 5:40 (O4 Pro/2S 550mAh)	4:00	5:15
Filter Installation	-	Filter for DJI O3 Camera	-

Recommended Parts

- Frame: Pavo Pico II Brushless Whoop Frame
- Motor: LAVA 1102 | 14000kv Brushless Motor
- Propeller: GF 45mm 3-Blade Propeller
- Battery: LAVA II 2S 580mAh/680mAH Battery, LAVA 2S 450mAh Battery, LAVA 2S 550mAh Battery
- FC: F4 2-3S 20A AIO FC
- Accessory: O4 Air Unit Bracket II
- Supported VTX: DJI O4 Air Unit, O4 Air Unit Pro

File

- FC firmware and CLI dump file (F4 2-3S 20A AIO FC)
- Installation guide video for DJI O4 Air Unit
- Installation guide video for DJI O4 Air Unit Pro

Package

Pavo Pico II Brushless Whoop Quadcopter (PNP Version)

- 1 * Pavo Pico II Brushless Whoop Quadcopter (PNP Version)
- 1 * Top Plate for O4 Air Unit Bracket II
- 1 * Bottom Plate for O4 Air Unit Bracket II
- 1 * O4 Air Unit Pro Bracket
- 4 * GF 45mm 3-Blade Propellers
- 1 * Type-C to SH1.0 Adapter
- 1 * SH1.0-4Pin Adapter Cable
- 6 * Shock-absorbing Balls for O4 Air Unit Pro Bracket (6.6mm)
- 6 * Shock-absorbing Balls for O4 Air Unit Bracket II (8.8mm)
- 6 * Shock-absorbing Pads for O4 Air Unit Bracket II (1.5mm)
- 6 * M2*10 Cylindrical Socket Head Cap Screws
- 6 * M2*4 Flat Head Socket Cap Screws
- 6 * M2*4 Socket Head Cap Self Tapping Screws
- 8 * M1.4*6 Phillips Flat Washer Head Tapping Screws
- 2 * 5.8G VTX Antenna
- 1 * 5.8G VTX Antenna Mount
- 1 * Phillips Screwdriver
- 1 * H1.5 Hex Screwdriver

Note: The PNP Version does not include VTX in the package.

Pavo Pico II Brushless Whoop Quadcopter (O4 Version)

- 1 * Pavo Pico II Brushless Whoop Quadcopter (O4 Version)
- 1 * DJI O4 Air Unit User Manual
- 4 * GF 45mm 3-Blade Propellers
- 1 * Type-C to SH1.0 Adapter
- 1 * SH1.0-4Pin Adapter Cable
- 2 * Shock-absorbing Balls for O4 Air Unit Bracket II (8.8mm)
- 1 * Phillips Screwdriver
- 1 * H1.5 Hex Screwdriver