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Dron BetaFPV Pavo 20 Pro II ELRS/SBUS 3S

Cena brutto	**2 049,99 zł**
Cena netto	**1 666,66 zł**
Dostępność	**Dostępny**
Czas wysyłki	**1 - 3 dni**
Producent	**BetaFPV**

Opis produktu

The 2.2" Pavo20 Pro II redefines lightweight (116.2g) freestyle performance with expanded compatibility for DJI O4, O4 Wide and O4 Pro, now available in powerful 3S and 4S configurations. The 3S version features the F4 2-3S 20A FC paired with LAVA 1104 7200KV motors, delivering up to 9' flight time with the LAVA II 3S 680mAh battery for pilots seeking efficiency and agility. For those demanding more air time, the 4S version upgrades to the Cube 2-4S 30A FC and LAVA 1104 5500KV motors, achieving an extended 10'30" flight time with the LAVA II 4S 680mAh battery for relentless freestyle performance.

Both configurations feature the upgraded II Frame for effortless assembly and durability, the O4 Air Unit Pro Bracket for vibration-free stability, and an integrated RGB LED strip for improved visibility. New enhancements include an onboard buzzer for easy recovery, GPS brackets compatible with most 12x and 18x GPS modules, and securely screw-fixed GF D2.2 3-Blade Props to eliminate loose props and motors. The Pavo20 Pro II is the ultimate whoop for pilots demanding professional freestyle and cinematic performance.

Bullet Points

- 3S & 4S Freestyle-Tuned Propulsion: The LAVA 1104 Brushless Motors (5500KV for 4S / 7200KV for 3S) and GF D2.2 3-Blade Props offers unparalleled thrust, while the aerodynamic frame adds an 8–11% boost for aggressive maneuvers.
- Next-Gen Frame: The supported structure with guided mouting points and 4-screw design make assembly quick and incredibly rigid.
- O4 Pro, O4 Wide & O4 Compatibility: A redesigned carbon plate seamlessly integrates O4, O4 Wide and O4 Pro for stunning HD footage and build versatility.
- Lightweight Powerhouse: Weighing only 116.2g (O4 Pro Version), this 2.2″ cinewhoop is the perfect gateway for DJI pilots to dive into FPV.
- Cinematic Stability: The integrated O4 Air Unit Pro Bracket gurantees every frame you captured is perfect.
- Flight Controller: F4 2-3S 20A FC for 3S and Cube 3IN1 2-4S 30A FC for 4S offer enhanced computing power and rapid response for precise freestyle control.
- Extended Flight Time: Outstanding 7'30" (3S) or 8'30" (4S) with LAVA II 580mAh batteries, and even longer 9' or 10'30" with 680mAh batteries for extended sessions.
- Buzzer & GPS-Ready: Onboard buzzer for quick crash recovery and two included GPS brackets compatible with most 12x and 18x modules ensure flight confidence.
- New RGB LED Strip: Enhanced visibility for in-flight orientation and a striking visual presence.
- ND Filter Ready: ND/UV filters for O4 Pro let you master any lighting condition.
- Plug-&-Play Tuned: Pre-optimized PIDs for DJI O4. Select & fly via OSD.

Specifications

- Item: Pavo20 Pro II Brushless Whoop Quadcopter
- Wheelbase: 93.9mm
- FC: Cube 2-4S 30A 3IN1 FC (4S), F4 2-3S 20A AIO FC (3S)
- Frame: Pavo20 Pro II Brushless Frame
- Motor: LAVA Series 1104 Brushless Motors
- Props: GF D2.2 3-Blade Props

- Flight Time: 8'30'' (4S with LAVA II 4S 580mAh Battery), 10'30'' (4S with LAVA II 4S 680mAh Battery), 7'30'' (3S with LAVA II 3S 580mAh Battery), 9' (3S with LAVA II 3S 680mAh Battery)
- RX Version: Serial ELRS, DJI SBUS
- HD VTX Bracket: O4 Air Unit Pro Bracket, O4 Air Unit Bracket II
- Weight: 72.6g (PNP Version), 116.2g (O4 Pro included)
- Battery Connector: XT30
- Battery Slot: 29mm * unlimited height
- Strip: NightFire RGB LED Strip
- Supported VTX: DJI O4 Air Unit Pro, DJI O4 Air Unit
- Camera Filter Installation: Vertical
-

3S & 4S Propulsion Systems: Built for Freestyle Dominance

The Pavo20 Pro II is available in two configurations to match your power preferences. The 3S version features high-torque LAVA 1104 7200KV motors for agile, responsive performance, while the 4S configuration utilizes LAVA 1104 5500KV motors optimized for efficiency. Both are paired with Gemfan D2.2 3-Blade Propellers, delivering smooth, reliable power for freestyle maneuvers. The securely screw-fixed D2.2 3-Blade Props eliminate loose props and motors, ensuring consistent, reliable performance flight after flight. Powered by the new LAVA II 680mAh batteries, the Pavo20 Pro II delivers extended flight sessions—up to 9 on 3S and 10'30" on 4S—so you can capture fluid, high-energy footage in both freestyle and cinematic scenarios.

Upgraded II Frame: More Stability, Easier Assembly

With a robust 93.9mm wheelbase and crash-proof PA12 thickened whoop ducts, the Pavo20 Pro II Frame is engineered for resilience and agility. Its revolutionary assembly system features embedded nuts and requires only four screws for a secure, crash-resistant lock—making building faster and more reliable than ever. Advanced injection molding combines a supported structure with three guided mounting points, guaranteeing perfect carbon plate alignment and eliminating flex for an incredibly rigid, stable platform. The battery slot is expanded to 29mm with no size limit, accommodating larger 4S batteries for extended, high-performance flights.

The newly designed carbon plate expands compatibility to seamlessly support the DJI O4 Air Unit Pro, O4 Wide Air Unit and DJI O4 Air Unit, future-proofing your setup for stunning HD footage. With pre-tuned PID parameters optimized for O4 systems, achieving peak performance is effortless—simply select your configuration via the OSD and fly with precision and confidence.

O4 Air Unit Pro Bracket

The Pavo20 Pro II integrates the advanced O4 Air Unit Pro Bracket, engineered to deliver exceptionally stable, smooth HD footage while streamlining your building experience. It features a reinforced camera side panel for maximum protection and dual fixing holes that optimize the camera's center of rotation, enabling smooth 0-40° tilt adjustments and providing unobstructed ND filter access even in wide-angle scenarios. The 30° angled antenna mounts ensure optimal signal strength, while tool-free installation allows for quick antenna swaps. Securely assembled with just 8 half-thread screws, the bracket eliminates tedious assembly while enhancing anti-vibration performance.

Watch the installation guide video for DJI O4 Air Unit Pro.

Note: For pilots having the Pavo20 Pro II who wish to use the Canopy II for O4 Air Unit, the Pavo20 Pro II Top Plate is the solution.

Flight Controllers

The Pavo20 Pro II offers two distinct flight controller configurations to match your propulsion needs. The 3S version features an F4 2-3S 20A FC purpose-built for digital HD VTX, equipped with a dual BEC solution delivering stable 9V 2A for the DJI O4 system and 5V 3A for external devices. Its 20A ESC ensures agile, dynamic performance, while dedicated 6-pin HD VTX connectors and a conveniently positioned USB port simplify installation and maintenance—delivering exceptional reliability for everyday flying.

Note: From August 2026, the F4 2-3S 20A FC fitted in our whoops will be available with either an STM32F405 or AT32F435 MCU. Both versions deliver identical flight performance and will be shipped at random, depending on stock availability.

The 4S configuration steps up to the Cube 3IN1 2-4S 30A FC, engineered specifically for high-performance 4S propulsion. This all-in-one board integrates the STM32G473, a robust 30A continuous ESC with 2oz copper thickness for superior thermal efficiency, and Serial ELRS 2.4GHz RX into a single compact design. Powered by a 168MHz MCU with exceptional computing capacity, the Cube FC delivers responsive flight control and silky-smooth handling for both freestyle and cinematic flying.

Enhanced Safety & Confidence: Buzzer & GPS-Ready

The Pavo20 Pro II now comes equipped with an integrated onboard buzzer, making crash recovery quick and effortless—no more searching through tall grass or losing your whoop in dense terrain. For pilots seeking advanced navigation and return-to-home functionality, two GPS brackets are included, compatible with most 12x and 18x GPS modules on the market. Whether you're exploring new spots or pushing your limits, these features provide the peace of mind to fly with confidence.

Unleash the Night with NightFire RGB Strip

Elevate your nighttime flying with the NightFire RGB LED Strip—the same premium lighting featured in the Pavo20 Pro NightFire Limited Edition. Designed for enhanced visibility and style, it features vibrant RGB LEDs that bring your whoop to life with a stunning spectrum of colors and dynamic display modes. Easily switch between 10 preset lighting effects and 7 colors by pressing the buttons. The NightFire RGB LED Strip is built to shine brilliantly against the night sky. Light up your flight path like never before.

ND Filters: Perfect Exposure, Every Frame

Elevate your Pavo20 Pro II’s aerial cinematography with the ND Filter for DJI O4 Pro Camera—crafted to perfect every frame. The ND8, ND16, and ND32 options ensure perfect exposure and natural motion blur every time. Meanwhile, the UV filter protects your lens from scratches, dust, and UV haze, ensuring crystal-clear images in every environment. Lightweight, durable, and easy to install, these filters are the ultimate companions for freestyle pilots and cinematic creators alike. With the Pavo20 Pro II and its filter lineup, every flight becomes a visual masterpiece!

Pavo20 Pro II vs. Pavo Pico II

	Pavo20 Pro II 4S	**Pavo20 Pro II 3S**	**Pavo Pico II**
Wheelbase	93.9mm		80mm
Weight (PNP)	72.6g		39.1g
Weight (without battery)	116.2g		53.4g
Frame	Black Pavo20 Pro II Frame		Black Pavo Pico II Frame
Props	GF D2.2 3-Blade		GF 45mm 3-Blade
HD VTX Bracket	O4 Air Unit Pro Bracket		O4 Air Unit Bracket II
Compatible VTX	DJI O4, O4 Wide, O4 Pro		

RX	Serial ELRS, DJI SBUS		
Motor Connector	JST1.25-3Pin		
Motors	LAVA 1104|5500KV	LAVA 1104|7200KV	LAVA 1102|14000KV
FC	Cube 3IN1 2-4S 30A	F4 2-3S 20A	
Thrust-to-Weight Ratio	5.5:1 (O4 Pro)	5.9 (O4 Pro)	6.35:1 (O4) / 4.88:1 (O4 Pro)
Recommended Battery	LAVA II 4S 580mAh/680mAh Battery	LAVA II 3S 580mAh/680mAh Battery	LAVA 2S 450mAh / 550mAh
Flight Time	8:30 (4S 580mAh) / 10:30 (4S 680mAh)	7:30 (3S 580mAh) / 9:00 (3S 680mAh)	6:30 (O4 with 2S 550mAh) / 5:40 (O4 Pro with 2S 550mAh)
Filter Installation	Vertical	-	
LED Strip	RGB	-	

File

- FC firmware and CLI dump file (F4 2-3S 20A FC) (Pavo20 Pro II 3S)
- FC firmware and CLI dump file (Cube 2-4S 30A FC) (Pavo20 Pro II 4S)

Note: Due to the shortage of IMU chip ICM42688, BETAFPV team has found new IMU chip ICM42605 and built a compatible firmware. Extensive testing confirms it meets our strict quality standards.

Package

Pavo20 Pro II Brushless Whoop Quadcopter (3S/4S O4 Pro Version)

- 1 * Pavo20 Pro II Brushless Whoop Quadcopter (O4 Pro)
- 4 * Gemfan D2.2 3-Blade Propellers
- 1 * Type-C to SH1.0 Adapter
- 1 * SH1.0-4Pin Adapter Cable
- 1 * SH1.0-6Pin HD Cable (100mm)
- 1 * RGB LED Strip (500mm)
- 2 * 5.8G VTX Antenna
- 1 * 5.8G VTX Antenna Mount
- 1 * 22*22mm GPS Bracket

- 1 * 14*17mm GPS Bracket
- 2 * GPS Sponge Mat
- 1 * H1.5 Hex Screwdriver
- 1 * O4 Air Unit Pro User Manual

Produkt posiada dodatkowe opcje:

Wersja: ELRS , SBUS