



DRON FPV BETA FPV PAVO PICO II PNP SBUS



link to the product:

<https://www.batna24.com/gb/p/fpv-drones/dron-fpv-betafpv-pavo-pico-ii-pnp-sbus>

Price: **382.11 zł** gross / 382.11 zł net



Manufacturer: BETA FPV

Referention number: DNXXGKPMPIRMNHM

Information:

BETA FPV Pavo Pico II PNP SBUS is a lightweight, compact 80 mm wheelbase FPV cinewhoop, created as a flexible base for your own video configuration. It weighs approx. 39.1 g without the battery and VTX module, making it ideal for freestyle flights and smooth shots in small spaces. The redesigned, stiffer frame makes assembly and servicing easier, while the carbon plate is prepared for DJI O4 Air Unit and O4 Air Unit Pro. On board is an F4 2-3S 20A AIO controller with a 20A ESC, 9V power for HD VTX and support for DJI SBUS. The LAVA 1102 14000KV drive with 3-blade Gemfan 45 mm propellers delivers strong thrust, fast response and 10% more power than the previous version. The PNP version does not include a VTX, but offers a complete set of mounting parts for building a lightweight HD FPV setup.

Full product description

Maximum performance in a compact PNP version

BETA FPV Pavo Pico II PNP SBUS is a lightweight FPV cinewhoop drone, designed as a compact platform for your own video system configuration. The 80 mm wheelbase combines the mobility of a micro drone with great expansion flexibility, making it ideal for freestyle flights and creating smooth close-range shots. The PNP / SBUS version weighs around 39.1 g without the battery and VTX module, allowing pilots to choose the image transmission system themselves according to their own requirements.

Pavo Pico II – bezszczotkowy dron typu whoop

Maksymalna wydajność, minimalny rozmiar.



Rama Pavo Pico II
Kontroler lotu F4 2-3S 20A

Czas lotu do 6 min 30 s
Kompatybilność z DJI O4 i O4 Pro

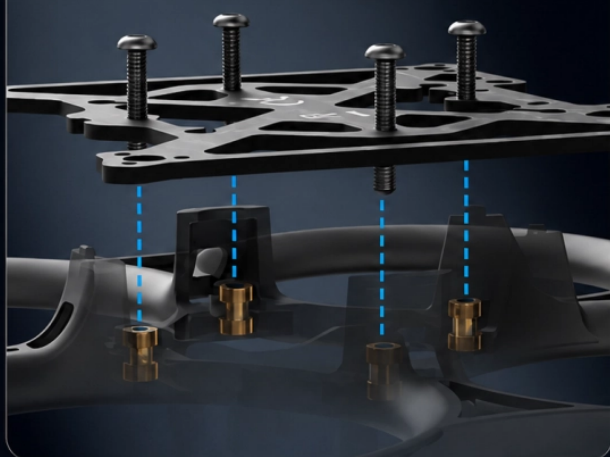
Kompaktowy i lekki: 53,7 g
Stosunek ciągu do masy: 6,35:1

Rigid next-generation frame

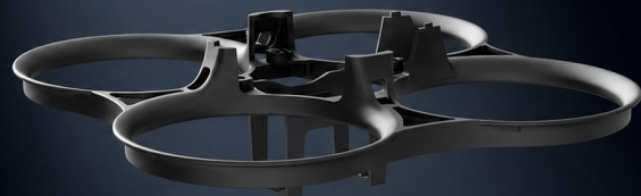
The new Pavo Pico II frame has been redesigned for greater rigidity, simpler assembly and more convenient servicing during everyday use. The design uses guided mounting points, embedded nuts and a 4-screw mounting system, which makes assembly easier and helps maintain proper fitment of the components. The carbon plate has been prepared for the DJI O4 Air Unit and DJI O4 Air Unit Pro, allowing the platform to support various FPV configurations.

Rama bezszczotkowego whoopa Pavo Pico II

Łatwy montaż:
4 śruby z osadzonymi nakrętkami



Wzmocniona konstrukcja i prowadzone punkty montażowe



Zintegrowana rama formowana wtryskowo

Ready base for DJI O4 and O4 Pro

The Pavo Pico II in the PNP version has been prepared for users who want to build their own FPV set with a chosen video transmission system. The frame and mounting plate allow the use of the DJI O4 Air Unit or DJI O4 Air Unit Pro, enabling the construction of a lightweight set with digital HD video transmission. The PNP version does not include a VTX module, so it gives you the option to tailor the configuration to your own needs.



F4 2-3S 20A AIO controller in SBUS version

The heart of the design is the F4 2-3S 20A AIO FC flight controller, designed to work with the digital HD VTX system. The board features an integrated 20A ESC, 9V 2A power for the HD VTX system and 5V 3A for external devices. The PNP / SBUS version has been prepared to work with the DJI SBUS protocol, making it intended for pilots using compatible DJI controllers. A dedicated 6-pin HD VTX connector makes it easier to install FPV system components.

F4 2-3S 20A AIO FC V1

Stworzony, by być najlepszym AIO FC do whoopów HD 2-3S

BEC
5 V 3 A i 9 V 2 A

PMU
HD VTX 6-pin

ESC
BB51 Bluejay 48K

Wbudowany RX
Serial ELRS 2.4G

IMU
ICM42688P / ICM42605 @ 8K

MCU FC
STM32F405RGT6 @ 168 MHz

LAVA 1102 drive and lightweight construction

The Pavo Pico II uses LAVA 1102 14000KV motors and Gemfan 45 mm 3-Blade propellers, creating a setup focused on strong thrust, quick response and efficient operation. The manufacturer indicates a 10% increase in power compared with the previous configuration, which translates into dynamic acceleration and good control during flight. Once equipped with the appropriate video system and battery, the drone can serve as a lightweight cinewhoop for FPV flights, freestyle and recording in small spaces.

**Nawet 10% więcej mocy
w ultralekkiej konstrukcji**

LAVA 1102 | 14000KV
Śmigła GF 45 mm, 3-łopate



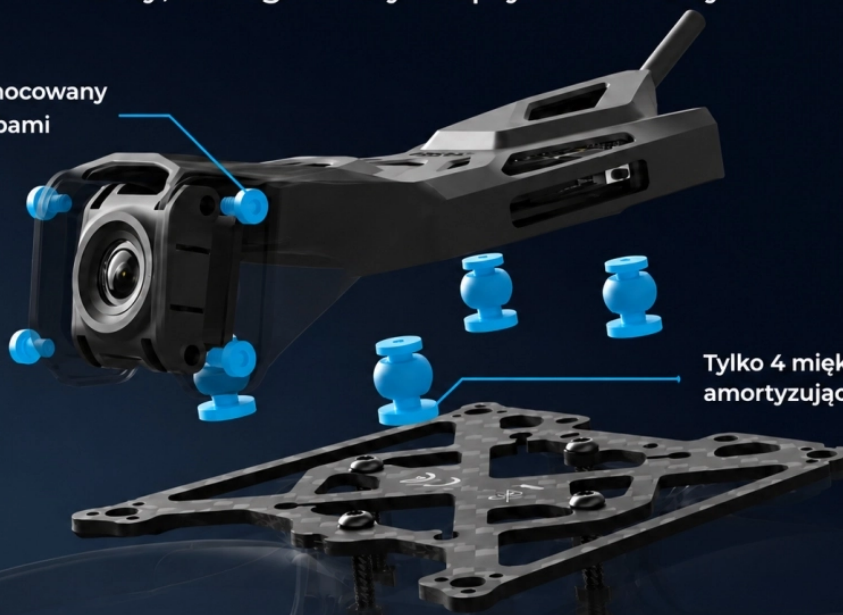
VTX system installation

The set includes plates and mounting brackets for the O4 Air Unit and O4 Air Unit Pro, 5.8G VTX antennas, damping balls, washers and a complete set of screws. This equipment makes it easier to prepare the structure for a digital HD video system and reduces the need to select additional mounting components. The PNP version does not include a VTX module, so the user can choose the final video transmission system independently.

Uchwyt O4 II

Prosty, zintegrowany i zoptymalizowany

Solidnie mocowany
4 śrubami



Tylko 4 miękkie kulki
amortyzujące

Package contents

The BETAFPV Pavo Pico II PNP SBUS set includes the mounting components needed to prepare your own FPV configuration with the DJI O4 Air Unit or DJI O4 Air Unit Pro system.

- 1 × BETAFPV 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 mount
- 4 × GF 45 mm 3-Blade propellers
- 1 × Type-C to SH1.0 adapter
- 1 × SH1.0-4Pin adapter cable
- 6 × 6.6 mm damping balls for O4 Air Unit Pro Bracket
- 6 × 8.8 mm damping balls for O4 Air Unit Bracket II
- 6 × 1.5 mm damping pads for O4 Air Unit Bracket II
- 6 × M2×10 socket head cap screws
- 6 × M2×4 flat head hex screws
- 6 × M2×4 self-tapping hex screws
- 8 × M1.4×6 self-tapping Phillips pan head screws with washer
- 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 a VTX module in the set.

Technical specifications

Parameter	Details
Product	BETAFPV Pavo Pico II Brushless Whoop Quadcopter
Version	PNP / SBUS
Type	Brushless FPV whoop / cinewhoop PNP drone
Colour	Black
Wheelbase	80 mm
Weight	Approx. 39.1 g — PNP version without battery and VTX
Frame	Pavo Pico II Brushless Whoop Frame
VTX compatibility	DJI O4 Air Unit, DJI O4 Air Unit Pro
VTX included	No
Receiver / control protocol	DJI SBUS
Flight controller	F4 2-3S 20A AIO FC
Controller MCU	STM32F405RGT6 168 MHz
ESC	Integrated 20A, 2-3S input
ESC peak current	25A
ESC firmware	Bluejay BB51
BEC	9V 2A for HD VTX, 5V 3A for external devices
HD VTX connector	6-pin
Motors	LAVA 1102 Brushless Motor
Motor KV	14000KV
Propellers	GF 45 mm 3-Blade
Battery connector	XT30
Battery slot	16 × 12.7 mm
Recommended battery	LAVA II 2S 580 mAh / 680 mAh, LAVA 2S 550 mAh, LAVA 2S 450 mAh
Flight time	Up to approx. 6 min 30 s in O4 configuration with a LAVA 2S 550 mAh battery
Thrust-to-weight ratio	6.35:1 in O4 configuration
Supported video system	DJI O4 Air Unit / DJI O4 Air Unit Pro after fitting out
Intended use	FPV flights, freestyle, cinewhoop, custom HD VTX configurations, recording in small spaces