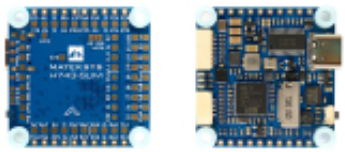
Dane aktualne na dzień: 25-11-2026 04:59

Link do produktu: https://www.nobshop.pl/kontroler-lotu-matek-fc-h743-slim-v3-p-3302.html

Kontroler lotu Matek FC H743-SLIM V3

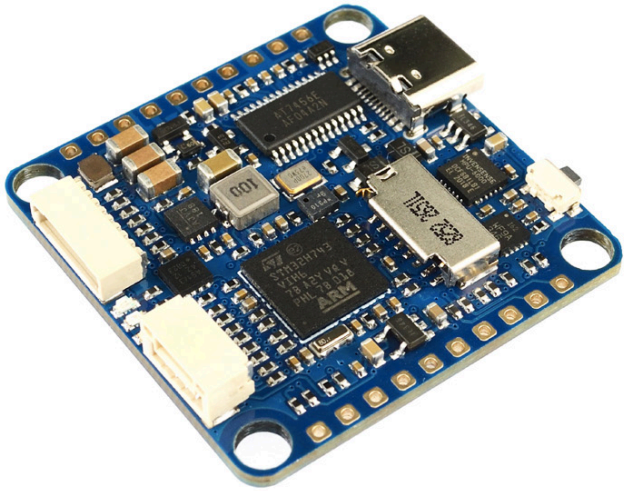


Cena brutto	**390,00 zł**
Cena netto	**317,07 zł**
Dostępność	**Aktualnie niedostępny**
Czas wysyłki	**1 - 3 dni**
Producent	**Matek Systems**

Opis produktu

Kontroler lotu Matek FC H743-SLIM V3

Kontroler w wersji V3 wyposażony jest w IMU ICM42688P, ICM42605
Pełna specyfikacja produktu dostępna jest na stronie producenta: MATEK H743-SLIM V3



MATEKSYS Flight Controller H743-SLIM

* STM32H743VIH6, 480 MHz, 2MB Flash
* Board V1.0, MPU6000(SPI1) & ICM20602(SPI4)
* Board V1.5, MPU6000(SPI1) & ICM42605(SPI4)
* OSD(SPI2)
* DPS310 (I2C2)
* MicroSD BlackBox (SDIO)
* 7x UARTs, 2x I2C, 1x CAN, 1x SPI3 breakout
* 6x ADC (Vbat, Current, VB2, CU2, RSSI, AirSpeed)
* 13x PWM outputs

* Switchable dual camera inputs
* Switchable 5V/Vbt outputs

* 6~36V DC IN (2~8S LiPo)
* BEC 5V 2A cont. 3A Max.
* Vbat filtered output 1A for VTx and Camera
* LDO 3.3V 200mA cont.

*** ArduPilot MATEKH743
*** BetaFlight MATEKH743
*** INAV MATEKH743

FC Specifications

- MCU: STM32H743VIH6, 480MHz , 1MB RAM, 2MB Flash
- Board V1.0 IMU: MPU6000 (SPI1) & ICM20602 (SPI4)
- Board V1.5 IMU: MPU6000 (SPI1) & ICM42605 (SPI4)
- Baro: Infineon DPS310 (I2C2)
- OSD: AT7456E (SPI2)
- Blackbox: MicroSD card socket (SDIO)

- 7x Uarts (1,2,3,4,6,7,8) with built-in inversion.
- 13x PWM outputs(including “LED” pad)

- 2x I2C
- 1x CAN
- 6x ADC (VBAT, Current, RSSI, Analog AirSpeed, Vbat2, Cur2)
- 3x LEDs for FC STATUS (Blue, Red) and 3.3V indicator(Red)
- 1x SPI3 breakout
- USB Type-C(USB2.0)
- 1x JST-SH1.0_8pin connector (Vbat/G/Curr/Rx8/S1/S2/S3/S4)
- 1x JST-GH1.25_4pin connector (5V/CAN-H/CAN-L/G)

- Dual Camera Inputs switch
- 5V/Vbat filtered power ON/OFF switch

- DJI FPV OSD is supported by any spare UART

Power:

- Vbat Input: 6~36V (2~8S LiPo)
- BEC: 5V 2A cont. (Max.3A)
- LDO 3.3V: Max.200mA
- No Current Sensor built-in
- ADC Vbat2 pad supports Max. 69V (voltage divider: 1K:20K)
- Static power: 200mA@5V with Betaflight, 150mA@5V with ArduPilot

FC Firmware:

- ArduPilot(ChiBiOS): MATEKH743
- BetaFlight: MATEKH743
- INAV: MATEKH743

Physical:

- Mounting: 30.5 x 30.5mm, Φ4mm with Grommets Φ3mm
- Dimensions: 36 x 36 x 5 mm
- Weight: 7g

Including:

- 1x H743-SLIM
- 6x Silicon grommets M4 to M3

- 1x JST-SH1.0_8pin cable, 5cm
- 2x JST-SH1.0_8pin connectors
- 1x JST-GH-4P to JST-GH-4P cable for CAN port, 20cm