

Link do produktu: <https://dronexpert.eu/kontroler-lotu-matek-h743-slim-flight-controller-p-14944.html>

Kontroler lotu MATEK H743-SLIM Flight Controller



Cena brutto	453,74 zł
Cena netto	368,91 zł
Dostępność	Aktualnie niedostępny
Czas wysyłki	24 godziny
Producent	MATEKSYS

Opis produktu

Kontroler lotu MATEK H743-SLIM Flight Controller

- MCU: STM32H743VIH6, 480MHz , 1MB RAM, 2MB Flash
- IMU: MPU6000 (SPI1) & ICM20602 (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

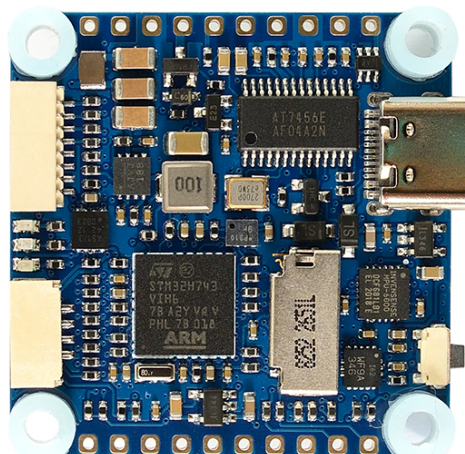
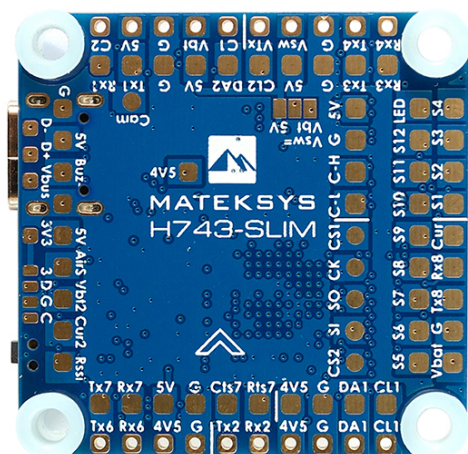
FC Firmware

- ArduPilot(ChiBiOS): MATEKH743
- BetaFlight: MATEKH743
- INAV: MATEKH743 (To be supported soon)

Physical

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

- 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



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