

Hardware

Main Processor	STM32H743IIK6 (32 Bit Arm® Cortex®-M7, 480 MHz, 2 MB memory, 1 MB RAM)
Co-processor	STM32F103 (32 Bit Arm® Cortex®-M3, 72 MHz, 20 KB SRAM)

Sensors

Accelerometer / Gyro	BMI088 / ICM20689
Electronic Compass	IST8310
Barometer	MS5611

External Interface

UART Serial Port	4
I2C	3
CAN	1
PWM Output	8 x Standard PWM IO 5 x Programmable IO
RC Input (SBUS)	1
Power Module Input	1
GPS & Safety	1
USB (Type-C)	1
TF Card Slot	1

Overall

Compatible Model	PX4 / ArduPilot Firmware (Planes / Multirotors / Helicopters / VTOL / UGV / USV)
Power Module Voltage Input	4.5 ~ 5.5 V
USB Voltage Input	5 V (± 0.25 V)
Servo Voltage Input	0 ~ 10 V
Working Temperature	-20 °C ~ 65 °C
Dimensions	47 x 68 x 19 mm
Weight	57 g