



Product	
Name	Stack Pilotix F405 V3 ICM42688 AM32 80A CZ
Model	F405 V3 ICM42688 AM32 80A CZ
SKU	11713
FC Specifications	
FC Model	Pilotix F405 V3 ICM42688 CZ
Maximum Frequency	168 MHz
Microcontroller Unit	STM32F405RGT6
Gyroscope	ICM42688
Barometer	SPL06B
Firmware	Betaflight 4.5.0 (support ArduPilot)
Telemetry	Support
OSD	Yes
Blackbox	Built-in 16MB
UART	×5ch
Motor Outputs	×8ch
Additional Pinout	Sbus, ×1 Led, ×1 Bz, RSSI, I2C-SDA SCL, VTX, VCC
Camera Pinout	×2 (Dual Camera Inputs switch)
BEC	5V/2.5A, 9V/2A
USB	Type-C
Weight	9.6g
External Dimensions (L×W×H)	36×36×7mm
Mounting	30.5×30.5mm
ESC Specifications	
ESC Model	Pilotix ESC AM32 80A 4in1
ESC Firmware	AM32 2.16
Continuous Current	80A*4
Burst Peak Current	100A*4
Input Signal	Dshot300, Dshot600, PWM, Bi-directional Dshot
Telemetry	Support
Current Meter	Yes
Temperature sensor	Yes
Input Voltage	8 - 36V (3 - 8S LiPo)
Battery Input Pads	Dual
Battery connector	XT90
ESC to the FC cable	SH1.0 (8Pin)
Weight	33g
External Dimensions (L×W)	55×52mm
Mounting	M3 30.5×30.5mm
Package includes	
×1 FC Pilotix F405 V3 ICM42688 CZ ×1 ESC Pilotix AM32 80A 4in1 CZ ×2 Capacitors 35V 1000µF ×1 12 AVG cable with connector XT90 Accessories	