

# GOKU

## V1.0 Version

### GNF745EVO AIO PARAMETER

- MCU: STM32F745 32-bit processor, 216MHz, 512Kbytes Flash
- IMU: MPU6000 (SPI)
- Barometer: BMP280
- Onboard LED: WS2812\*4
- USB VCP Driver (all UARTs usable simultaneously; USB does not take up a UART)
- 7 hardware UARTS (UART1,2,3,4,5,6,7)
- Supports serial receivers (SBUS, iBus, Spektrum, Crossfire) only.
- PPM and PWM receivers are not supported.
- Onboard 8Mbytes for Blackbox logging
- 9V Power Out: 1.5A max
- 5V Power Out: 2.0A max
- 3.3V Power Out: 0.5A max
- Dimensions: 31x42mm
- Mounting Holes: Standard 20mm square to center of holes
- Weight: 8.5g
- Built-in 40A BL\_32 4in1 ESC
- Support BLHeli / BLHeli\_32
- Support PWM, Oneshot125, Oneshot42, Multishot, Dshot150, Dshot300, Dshot600, Dshot1200
- Input Voltage: 2-6S Lipo
- Continuous Current: 40A
- Firmware: BLHeli\_32

### The Uarts Port Setting:

- UART 1 - RX(SBUS/IBUS/DSM/CRSF)
- UART 2 - AIRUNIT/VISTA SBUS IN
- UART 3 - Bluetooth module
- UART 4 - FRSKY S.PORT/F.PORT
- UART 5 - AIRUNIT/VISTA OSD/IRC/SA
- UART 6 - GPS Serial port
- UART 7 - Built-in ESC telemetry

