

Link do produktu: <https://www.nobshop.pl/newbeedrone-m10q-micro-gps-modul-z-kompasem-p-4121.html>



NewBeeDrone M10Q Micro GPS moduł z kompasem

Cena brutto	99,99 zł
Cena netto	81,29 zł
Dostępność	Dostępny
Czas wysyłki	1 - 3 dni
Kod producenta	NBD1544
Producent	NewBeeDrone

Opis produktu

NewBeeDrone M10Q Micro GPS moduł z kompasem

Introducing the NewBeeDrone Tiny GPS Module, the perfect solution for applications where size and weight are critical. With a compact size of just 17MMx12MMx5MM and a weight of only 2.16g, this GPS module is incredibly small and lightweight. Tiny GPS Module is the perfect choice for any project where space and weight are at a premium.

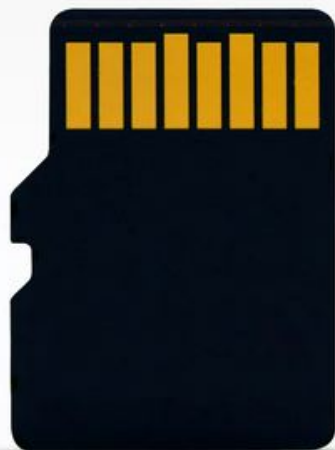
Including

1* NewBeeDrone Tiny GPS Module

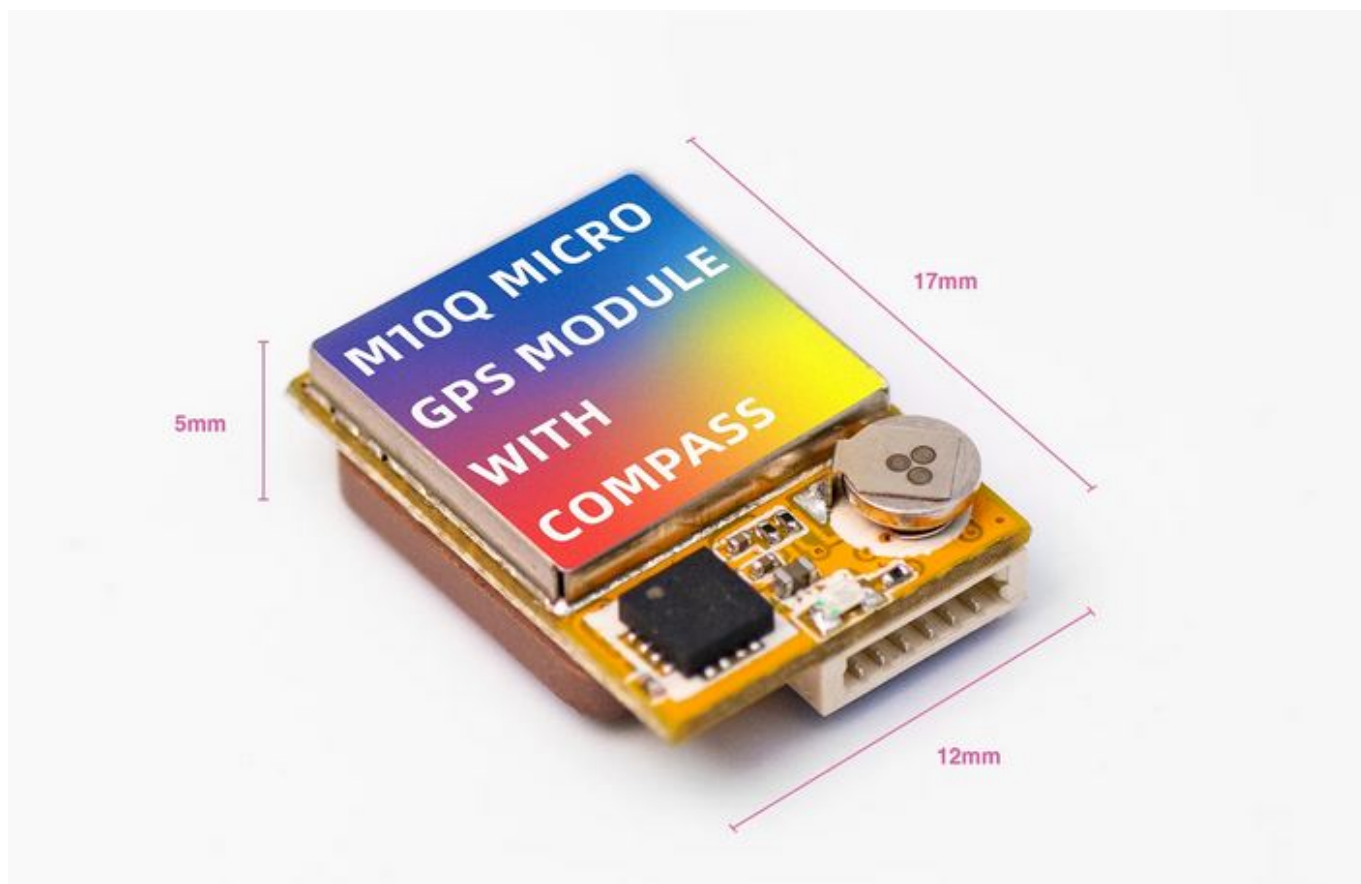
1* JST 0.8 6pin cable



NEWBEE DRONE TINY GPS MODULE M10



SMALL IN SIZE. BIG ON RELIABILITY.



NEWBEE DRONE GPS MANUAL

ANTENNA: CERAMIC ANTENNA 2DB

FREQUENCY: GPS L1, GLONASS L1, BDS B1, GALILEO E1, SBAS L1, QZSS L1

COMPASS: QMC5883

BAUD RATE: 115200DPS

OUTPUT FREQUENCY: 1HZ-10HZ, DEFAULT 10HZ

POWER SUPPLY: 5V

SPEED ACCURACY: 0.05M/S

WEIGHT: ~2.61G

1. CONNECT TINY GPS MODULE WITH ANY UART FROM THE FLIGHT CONTROLLER. CHOOSE "GPS" UNDER SENSOR INPUT. CLICK "SAVE AND REBOOT."

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART1	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART2	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART3	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART5	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART7	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART8	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	GPS 115200	Disabled AUTO

Save and Reboot

2. OPEN CONFIGURATION PAGE AND CHOOSE GPS SETTINGS AND ENABLE THE FOLLOWING:

GPS

GPS GPS for navigation and telemetry

Note: Remember to configure a Serial Port (via Ports tab) when using GPS feature.

UBLOX Protocol

Auto Baud

Auto Config

Use Galileo

Set Home Point Once

None Ground Assistance Type

3. GO TO SYSTEM CONFIGURATION AND ENABLE MAGNETOMETER TO TURN ON COMPASS.

System configuration

Note: Make sure your FC is able to operate at these speeds! Check CPU and cyclotime stability. Changing this may require PID re-tuning. TIP: Disable Accelerometer and other sensors to gain more performance.

3.20 kHz Gyro update frequency

3.20 kHz PID loop frequency

Accelerometer

Barometer (if supported)

Magnetometer (if supported)

4. THE MAG AND GPS ICON WILL SHOW IF THE COMPASS AND GPS ARE CONNECTED SUCCESSFULLY.



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