

MAVIC PRO PLATINUM

Aircraft

Folded	H83mm x W83mm x L198mm
Diagonal Size (Propellers Excluded)	335 mm
Weight (Battery & Propellers Included)	1.62 lbs (734 g) (exclude gimbal cover) 1.64 lbs (743 g) (include gimbal cover)
Max Ascent Speed	16.4 ft/s (5 m/s) in Sport mode
Max Descent Speed	9.8 ft/s (3 m/s)
Max Speed	40 mph (65 kph) in Sport mode without wind
Maximum takeoff altitude	16404 feet (5000 m)
Max Flight Time	30 minutes (no wind at a consistent 15.5 mph (25 kph))
Max Hovering Time	27 minutes (no wind)
ESC(Electronic Speed Controller)	FOC
Max Total Travel Distance (One Full Battery, No Wind)	9.3 mi (15 km, no wind)
Operating Temperature Range	32° to 104° F (0° to 40° C)
Satellite Positioning Systems	GPS / GLONASS
Hover Accuracy Range	Vertical: +/- 0.1 m (when Vision Positioning is active) or +/-0.5 m Horizontal: +/- 0.3 m (when Vision Positioning is active) or +/-1.5 m
Operating Frequency	FCC: 2.4-2.4835GHz; 5.150-5.250 GHz; 5.725-5.850 GHz CE:

	2.4-2.4835GHz; 5.725-5.850 GHz
	SRRC :
	2.4-2.4835 GHz;5.725-5.850 GHz
Transmitter Power (EIRP)	2.4GHz
	FCC:<=26 dBm; CE: <=20 dBm; SRRC:<=20 dBm; MIC:<=18 dBm
	5.2 GHz
	FCC:<=23 dBm
	5.8 GHz
	FCC:<=23 dBm; CE <=13 dBm; SRRC: <=23 dBm; MIC: -

Remote Controller

Operating Frequency	2.4 GHz to 2.483 GHz
Max Transmission Distance	FCC Compliant: 4.3 mi (7 km); CE Compliant: 2.5 mi (4 km) SRRC Compliant: 2.5mi (4 km) MIC Compliant: 2.5 mi (4 km) (Unobstructed, free of interference)
Operating Temperature Range	32° to 104° F (0° to 40° C)
Battery	2970mAh
Transmitter Power (EIRP)	FCC : <=26 dBm CE : <=20 dBm SRRC: <=20 dBm MIC: <=18 dBm
Operating Current/Voltage	950mA @ 3.7V
Supported Mobile Device Size	Thickness Supported:6.5-8.5mm Max length: 160mm Supported USB port types: Lightning, Micro USB(Type-B),USB(Type-C) [™]

Gimbal

Controllable Range

Pitch: -90° to +30°

Roll: 0° or 90° (Horizontally and vertically)

Stabilization

3-axis (pitch, roll, yaw)

Vision System

Vision System

Forward Vision System

Downward Vision System

Obstacle Sensory Range

Precision measurement range: 2 ft (0.7 m) to 49 ft (15 m)

Detectable range: 49 ft (15 m) to 98 ft (30 m)

Operating Environment

Surface with clear pattern and adequate lighting (lux > 15)

Velocity Range

≤22.4 mph (36 kph) at 6.6 ft (2 m) above ground

Altitude Range

1 - 43 feet (0.3 - 13 m)

Operating Range

1 - 43 feet (0.3 - 13 m)

App / Live View

Mobile App

DJI GO 4

Live View Quality

720p@30fps, 1080p@30fps (Remote Controller)

720p@30fps(Wi-Fi)

720p@60fps, 1080p@30fps (DJI Goggles)

Latency

160-170ms (depending on conditions and mobile device)

Camera

Sensor

1/2.3" (CMOS), Effective pixels:12.35 M (Total pixels:12.71M)

Lens

FOV 78.8° 26 mm (35 mm format equivalent) f/2.2

Distortion < 1.5% Focus from 0.5 m to ∞

ISO Range

video: 100-3200

photo: 100-1600

Electronic Shutter Speed

8s -1/8000 s

Image Size	4000×3000
Still Photography Modes	Single shot Burst shooting: 3/5/7 frames Auto Exposure Bracketing (AEB): 3/5 bracketed frames at 0.7 EV Bias Interval
Video Recording Modes	C4K: 4096×2160 24p 4K: 3840×2160 24/25/30p 2.7K: 2720×1530 24/25/30p FHD: 1920×1080 24/25/30/48/50/60/96p HD: 1280×720 24/25/30/48/50/60/120p
Max Video Bitrate	60 Mbps
Supported File Systems	FAT32 (≤ 32 GB); exFAT (> 32 GB)
Photo	JPEG, DNG
Video	MP4, MOV (MPEG-4 AVC/H.264)
Supported SD Cards	Micro SD™ Max capacity: 128 GB. Class 10 or UHS-1 rating required
Operating Temperature Range	32° to 104° F (0° to 40° C)

Wi-Fi

Operating Frequency	2.4G/5G
Max Transmission Distance	80 m(Distance), 50m(Height) (Unobstructed, free of interference)
Max Speed	14 km/h (9 mph)
Max Ascent Speed	6.6 ft/s(2 m/s)
Max Descent Speed	3.3 ft/s(1 m/s)

Charger

Voltage 13.05 V

Rated Power 50 W

Intelligent Flight Battery

Capacity 3830 mAh

Voltage 11.4 V

Battery Type LiPo 3S

Energy 43.6 Wh

Net Weight Approx.0.5 lbs(240 g)

Charging Temperature Range 41° to 104° F (5° to 40° C)