

Specs

Aircraft

Takeoff Weight	Approx. 135 g
Dimensions	130×157×48.5 mm (L×W×H)
Max Ascent Speed	0.5 m/s (Cine mode) 2 m/s (Normal mode) 3 m/s (Sport mode)
Max Descent Speed	0.5 m/s (Cine mode) 2 m/s (Normal mode) 2 m/s (Sport mode)
Max Horizontal Speed (near sea level, no wind)	6 m/s (Normal mode) 8 m/s (Sport mode) 16 m/s (Manual mode)
Max Takeoff Altitude	2000 m <small>Max takeoff altitude is 2000 m. Data is for reference only. Actual takeoff altitude is determined by the drone's altitude in Sport mode, and for the battery level.</small>
Max Flight Time	Approx. 18 mins (approx. 17 mins with the Propeller Guards)* Each battery allows the drone to perform at least 20 palm takeoff and landing for shoots in succession** <small>*Max flight time is 18 mins with the battery level at 100%. Actual flight time is affected by the drone's weight, wind speed, and other factors. **Max flight time is 18 mins with the battery level at 100%. Actual flight time is affected by the drone's weight, wind speed, and other factors.</small>
Max Hovering Time	Approx. 18 mins (approx. 17 mins with the Propeller Guards) <small>Max hovering time is 18 mins with the battery level at 100%. Actual hovering time is affected by the drone's weight, wind speed, and other factors.</small>
Max Flight Distance	7 km <small>Max flight distance is 7 km with the battery level at 100%. Actual flight distance is affected by the drone's weight, wind speed, and other factors.</small>
Max Wind Speed Resistance	8 m/s (Level 4)
Operating Temperature	-10° to 40° C (14° to 104° F)
Global Navigation Satellite System	GPS + Galileo + BeiDou
Hovering Accuracy Range	Vertical: ±0.1 m (with vision positioning) ±0.5 m (with GNSS positioning) Horizontal: ±0.3 m (with vision positioning) ±1.5 m (with GNSS positioning)
Internal Storage	22 GB
Class	C0 (EU)

Camera

Image Sensor	1/2-inch image sensor
Lens	FOV: 117.6° Format Equivalent: 14 mm Aperture: f/2.8 Focus: 0.6 m to ∞
ISO Range	100-6400 (Auto) 100-6400 (Manual)
Shutter Speed	Video: 1/8000-1/30 s Photo: 1/8000-1/10 s
Max Image Size	12 MP Photo 4000×3000 (4 : 3) 4000×2256 (16 : 9)
Still Photography Modes	Single/Timed Shot
Photo Format	JPEG
Video Resolution	EIS Off: 4K (4:3): 3840×2880@30fps 1080p (4:3): 1440×1080@60/50/30fps EIS On: 4K (16:9): 3840×2160@30fps 1080p (16:9): 1920×1080@60/50/30fps
Video Format	MP4
Max Video Bitrate	75Mbps
Supported File System	exFAT
Color Mode	Normal
EIS	Supports RockSteady, HorizonBalancing, and turning stabilization off.* <small>*When using 4:3 aspect ratio, RockSteady, HorizonBalancing, and turning stabilization off can be enabled. Stabilization is not available in 4:3 aspect ratio. When recording 4K video, RockSteady and HorizonBalancing are not available.</small>

Gimbal

Stabilization	Single-axis mechanical gimbal (tilt)
Mechanical Range	Tilt: -120° to 120°
Controllable Range	Tilt: -90° to 60°
Max Control Speed (tilt)	100°/s
Angular Vibration Range	±0.01°
Image Roll Correction	Supports correction of footage recorded on the drone Live view correction is unavailable only when using with goggles

Sensing

Sensing Type	Downward visual positioning
Downward	Precise Hovering Range: 0.5-10 m
Operating Environment	Downward: Non-reflective, discernible surfaces with diffuse reflectivity of >20% (such as walls, trees, or people) Adequate lighting (lux > 15, normal indoor lighting conditions)

Video Transmission

Video Transmission System	O4
Live View Quality	With DJI RC-N3 Remote Controller: Up to 1080p/60fps With DJI Goggles 3 plus DJI RC Motion 3/DJI FPV Remote Controller 3: Up to 1080p/60fps
Operating Frequency	2.400-2.4835 GHz 5.170-5.250 GHz 5.725-5.850 GHz Operating frequency allowed varies among countries and regions. Please refer to local laws and regulations for more information.
Transmitter Power (EIRP)	2.4 GHz: < 26 dBm (FCC) < 20 dBm (CE/SRRC/MIC) 5.1 GHz: < 23 dBm (CE) 5.8 GHz: < 26 dBm (FCC) < 14 dBm (CE) < 26 dBm (SRRC)
Communication Bandwidth	Max 40 MHz
Max Transmission Distance (unobstructed, free of interference)	FCC: 10 km CE: 6 km SRRC: 6 km MIC: 6 km This is a preliminary estimate based on FCC, CE, SRRC, and MIC standards. Actual transmission distance may vary due to environmental factors such as terrain, obstacles, and interference. Please refer to local regulations for more information.
Max Transmission Distance (unobstructed, with interference)	Strong Interference (urban landscape): Approx. 1.5-3 km Medium Interference (suburban landscape): Approx. 3-6 km Low Interference (suburb/seaside): Approx. 6-10 km Based on FCC standard in unobstructed environments with typical interference. Used for reference purposes only and provides no guarantee of performance.
Max Transmission Distance (obstructed, with interference)	Low Interference and Obstructed by Buildings: Approx. 0-0.5 km Low Interference and Obstructed by Trees: approx. 0.5-3 km Based on FCC standard in environments with typical low interference. Used for reference purposes only and provides no guarantee of performance.
Max Download Speed	Wi-Fi: 25 MB/s Depends on actual network conditions.
Lowest Latency	With DJI RC-N3 Remote Controller: Approx. 120 ms Depending on the actual environment and mobile device.

Max Video Bitrate	50Mbps
Antennas	Two antennas, 1T2R

Wi-Fi:

Protocol	802.11a/b/g/n/ac
Operating Frequency	2.400-2.4835 GHz 5.725-5.850 GHz Operating frequency allowed varies among countries and regions. Please refer to local laws and regulations for more information.
Transmitter Power (EIRP)	2.4 GHz: < 20 dBm (FCC/CE/SRRC/MIC) 5.8 GHz: < 20 dBm (FCC/SRRC) < 14 dBm (CE)
Effective Operating Range	50 m Tested in an outdoor open environment free of interference. The video transmission distance varies by operating environment.

Bluetooth

Protocol	Bluetooth 5.1
Operating Frequency	2.400-2.4835 GHz Operating frequency allowed varies among countries and regions. Please refer to local laws and regulations for more information.
Transmitter Power (EIRP)	< 10 dBm

Battery

Capacity	1435 mAh
Weight	Approx. 45 g
Nominal Voltage	7.3 V
Max Charging Voltage	8.6 V
Type	Li-ion
Energy	10.5 Wh
Charging Temperature	5° to 40° C (41° to 104° F)
Charging Time	When Using the Two-Way Charging Hub (60W max charging power): Approx. 60 minutes to charge three simultaneously from 0% to 100% When Directly Charging the Aircraft Body (15W max charging power): Approx. 50 minutes to charge from 100%

Charger

Recommended Charger	DJI 65W Portable Charger USB Power Delivery charger
Battery Charging Hub	
Input	5 V, 3 A 9 V, 3 A 12 V, 3 A 15 V, 3 A 20 V, 3 A
Output (charging)	5 V, 2 A
Charging Type	3 batteries charged simultaneously <small>Charging time of batteries that can be charged simultaneously depends on the physical condition of the batteries and usage conditions. Refer to the manual for details.</small>
Compatibility	DJI Neo Intelligent Flight Battery

Storage

Recommended microSD Cards	Does not support storage expansion with an external SD card
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DJI RC-N3 Remote Controller

Max Operating Time	Without Charging Any Mobile Device: 3.5 hours When Charging a Mobile Device: 1.5 hours
Operating Temperature	-10° to 40° C (14° to 104° F)
Charging Temperature	5° to 40° C (41° to 104° F)
Charging Time	2 hours
Charging Type	5 V, 2 A
Battery Capacity	2600 mAh
Weight	Approx. 320 g
Dimensions	104.2×150×45.2 mm (L×W×H)
Operating Frequency	2.400-2.4835 GHz 5.170-5.250 GHz 5.725-5.850 GHz Operating frequency allowed varies among countries and regions. Please refer to local laws and regulations for more information.
Transmitter Power (EIRP)	2.4 GHz: < 33 dBm (FCC) < 20 dBm (CE/SRRC/MIC) 5.1 GHz: < 23 dBm (CE) 5.8 GHz: < 33 dBm (FCC)

< 14 dBm (CE)
< 30 dBm (SRRC)