

Specs

Aircraft

Takeoff Weight	< 249 g <small>5.6 ounces (0.4 pounds) (including propellers, battery, gimbal, and other accessories). Actual weight may vary slightly due to differences in components and materials.</small>
Dimensions	Folded: 136×62×165 mm (L×W×H) Unfolded: 233×280×79 mm (L×W×H)
Max Ascent Speed	5 m/s (Sport mode) 5 m/s (Normal mode) 2 m/s (Cine mode)
Max Descent Speed	5 m/s (Sport mode) 5 m/s (Normal mode) 1.5 m/s (Cine mode)
Max Horizontal Speed	At sea level, in windless conditions: 12 m/s* (Sport mode) 12 m/s (tracking status) At sea level, with 4 m/s tailwind, while flying in the same direction as the wind: 16 m/s* (Sport mode) 12 m/s (tracking status) <small>*Data is for reference only. Always pay attention to the aircraft's actual speed when flying at a low altitude of 0 m and ascending vertically by 1.5 m in Sport mode. Data is for reference only.</small>
Max Takeoff Altitude	3000 m <small>Maximum height drops to 200 ft. Do not fly for extended periods of time. Always fly at a safe altitude of 3000 m or less. Do not fly vertically above 500 ft. Do not fly in Sport mode until the battery level drops to 20%.</small>
Max Flight Time	31 minutes <small>Maximum time of flight for a single charge and at a constant speed of 6 m/s in a windless environment. Actual experience may vary due to differences in flight conditions, such as altitude, speed, and battery level.</small>
Max Hovering Time	28 minutes <small>Maximum time of flight for a single charge and at a constant speed of 6 m/s in a windless environment. Actual experience may vary due to differences in flight conditions, such as altitude, speed, and battery level.</small>
Max Flight Distance	14 km <small>Maximum distance of flight for a single charge and at a constant speed of 6 m/s in a windless environment. Actual experience may vary due to differences in flight conditions, such as altitude, speed, and battery level.</small>
Max Wind Speed Resistance	10.7 m/s (Level 5)
Operating Temperature	-10° to 40° C (14° to 104° F)
Global Navigation Satellite System	GPS + Galileo + BeiDou
Internal Storage	2 GB
Class	C0 (EU)

Camera

Image Sensor	1/1.3-inch image sensor
Lens	FOV: 82.1° Format Equivalent: 24 mm

Aperture: f/1.7
Focus: 1 m to ∞

ISO Range	Video Normal/Slow Motion: 100-6400 (Normal) 100-1600 (D-Log M) Photo 12MP Photo: 100-6400 48MP Photo: 100-3200
Shutter Speed	12MP Photo: 1/16000-2 s (2.5-8 s for simulated long exposure) 48MP Photo: 1/8000-2 s
Max Image Size	48MP Photo 8064×6048
Still Photography Modes	Single Shot: 12 MP and 48 MP Burst Shooting: 12 MP, 3/5/7 frames Automatic Exposure Bracketing (AEB): 12 MP, 3/5/7 frames at 2/3 EV step Timed: 12 MP, 2/3/5/7/10/15/20/30/60 s
Photo Format	JPEG DNG/RAW
Video Resolution	4K: 3840×2160@24/25/30/48/50/60/100fps FHD: 1920×1080@24/25/30/48/50/60/100fps 2.7K Vertical Shooting: 1512×2688@24/25/30fps FHD Vertical Shooting: 1080×1920@24/25/30fps
Video Format	MP4
Max Video Bitrate	150Mbps
Supported File System	exFAT
Color Mode	Normal D-Log M
Digital Zoom	4K: 3x FHD: 4x 2.7K Vertical Shooting: 3x FHD Vertical Shooting: 4x 12 MP Photo: 3x

Gimbal

Stabilization	3-axis mechanical gimbal (tilt, roll, pan)
Mechanical Range	Tilt Axis: -130° to +63° Roll Axis: -47° to +47° Pan: -30° to +30°
Controllable Range	Tilt Axis: -90° to +35°
Max Control Speed (tilt)	100°/s
Angular Vibration Range	±0.01°

Sensing

Sensing Type	Downward: one visual sensor and an infrared sensor, Forward: 3D Infrared Sensing System
Forward	3D Infrared Sensing System Measurement Range: 0.3-8 m (reflectivity > 10%) FOV: Horizontal 60°, Vertical 60°
Downward	Measurement Range: 0.3-8 m (reflectivity > 10%) Precise Hovering Range: 0.5-10 m FOV: Horizontal 60°, Vertical 60°
Operating Environment	Downward: Surfaces with discernible patterns, diffuse reflectivity > 20% (such as cement pavement), and adequate lighting (lux > 15)

Video Transmission

Video Transmission System	O4
Live View Quality	Remote Controller: Up to 1080p/60fps
Operating Frequency	2.4000-2.4835 GHz 5.170-5.250 GHz 5.725-5.850 GHz Operating frequency allowed varies among countries and regions. Refer to local laws and regulations for more information.
Transmitter Power (EIRP)	2.4 GHz: <30 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)
Max Transmission Distance (unobstructed, free of interference)	FCC: 13 km CE: 8 km SRRC: 8 km MIC: 8 km Maximum transmission distance without interference in unobstructed flight depends on the actual environment. Always pay attention to the range under the standard.
Max Transmission Distance (unobstructed, with interference)	Strong Interference (urban landscape): Approx. 1-2.5 km Medium Interference (suburban landscape): Approx. 2.5-7 km Low Interference (suburb/seaside): Approx. 7-13 km Maximum transmission distance in unobstructed environments with typical interference. Used for reference purposes only and provides no guarantee for
Max Transmission Distance (obstructed, with interference)	Low Interference and Obstructed by Buildings: Approx. 0-0.5 km Low Interference and Obstructed by Trees: Approx. 0.5-2 km Maximum transmission distance in obstructed environments with typical low interference. Used for reference purposes only and provides no guarantee for
Max Download Speed	O4: DJI RC-N3 Remote Controller: 10 MB/s DJI RC: 10 MB/s Wi-Fi 5: 30 MB/s Speeds are for reference only and may vary with little interference in countries/regions that support both 2.4 GHz and 5.8 GHz. Download speeds may vary
Lowest Latency	Approx. 120 ms Depending on the actual environment and mobile device.
Antenna	4 antennas (2.4 GHz: 1T2R; 5.2/5.8 GHz: 2T2R)

Wi-Fi

Protocol	802.11a/b/g/n/ac
Operating Frequency	2.4000 GHz-2.4835 GHz 5.7250 GHz-5.850 GHz Operating frequency allowed varies among countries and regions. 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 Measured in an open environment free of interference. Actual transmission distance may vary by the operating environment.

Bluetooth

Protocol	Bluetooth 5.0
Operating Frequency	2.4000-2.4835 GHz Operating frequency allowed varies among countries and regions. Refer to local laws and regulations for more information.
Transmitter Power (EIRP)	< 10 dBm

Battery

Capacity	3110 mAh
Weight	Approx. 83.5 g
Nominal Voltage	7.16 V
Battery Type	Li-ion
Chemical System	LiNiMnCoO2
Energy	22.3 Wh
Charging Temperature	5° to 40° C (41° to 104° F)
Charging Time	When Charging via Aircraft (30W max charging power): From 0% to 100%: Approx. 70 minutes* When Using the Battery Charging Hub for Charging One Battery (48W max charging power): From 0% to 100%: Approx. 45 minutes** When Using the Battery Charging Hub for Parallel Charging Two Batteries (65W max charging power): Two batteries from 0% to 100%: Approx. 70 minutes*** <small>* Using the DJI 30W USB-C Charger or a charger that supports the PD protocol with a power output higher than 30 W. ** Using the DJI 65W USB-C Charger or a charger that supports the PD protocol with a power output higher than 48 W. *** Using the DJI 65W USB-C Charger or a charger that supports the PD protocol with a power output higher than 65 W.</small>

Battery Charging Hub

Input	5 V, 4.3 A 9 V, 4.3 A
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	12 V, 4.3 A 15 V, 4.3 A
Output (power accumulation)	Max 45 W
Output (charging)	15 V, 2 A 12 V, 2 A 9 V, 3 A 5 V, 3 A
Rated Power	65 W
Charging Type	2 batteries charged simultaneously or in sequence
Compatibility	DJI Flip Intelligent Flight Battery

Charger

Recommended Charger	DJI 65W Portable Charger* USB Power Delivery chargers * When you charge the battery inserted into the Parallel Charging Hub, the max power charging supported is 65 W.
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Storage

Recommended microSD Cards	Kingston CANVAS Go! Plus 64GB U3 A2 V30 microSDXC Kingston CANVAS Go! Plus 128GB U3 A2 V30 microSDXC Kingston CANVAS Go! Plus 256GB U3 A2 V30 microSDXC Kingston CANVAS Go! Plus 512GB U3 A2 V30 microSDXC Lexar Professional 1066x 64GB U3 A2 V30 microSDXC Lexar Professional 1066x 128GB U3 A2 V30 microSDXC Lexar Professional 1066x 256GB U3 A2 V30 microSDXC Lexar Professional 1066x 512GB U3 A2 V30 microSDXC
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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)
Max Supported Mobile Device Size	180×86×10 mm (L×W×H)

App

Mobile Device App	DJI Fly
Required Operating System	iOS 13.0 or later Android 7.0 or later