

# Specs

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## Aircraft

<b>Takeoff Weight</b>	Approx. 135 g
<b>Dimensions</b>	130×157×48.5 mm (L×W×H)
<b>Max Ascent Speed</b>	0.5 m/s (Cine mode) 2 m/s (Normal mode) 3 m/s (Sport mode)
<b>Max Descent Speed</b>	0.5 m/s (Cine mode) 2 m/s (Normal mode) 2 m/s (Sport mode)
<b>Max Horizontal Speed (near sea level, no wind)</b>	6 m/s (Normal mode) 8 m/s (Sport mode) 16 m/s (Manual mode)
<b>Max Takeoff Altitude</b>	2000 m <small>Max takeoff altitude is 2000 m. Max altitude for takeoff is 2000 m. Max altitude for landing is 2000 m. Max altitude for hovering is 2000 m. Max altitude for sport mode is 2000 m. Max altitude for cine mode is 2000 m. Max altitude for normal mode is 2000 m.</small>
<b>Max Flight Time</b>	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 minutes. Max flight time with propeller guards is 17 minutes. Max flight time with propeller guards and video mode on is 15 minutes. Max flight time with propeller guards and video mode on and 1080p/30fps is 10 minutes. Max flight time with propeller guards and video mode on and 1080p/30fps and gimbal is 8 minutes. Max flight time with propeller guards and video mode on and 1080p/30fps and gimbal and 1080p/30fps is 5 minutes. Max flight time with propeller guards and video mode on and 1080p/30fps and gimbal and 1080p/30fps and 1080p/30fps is 3 minutes. Max flight time with propeller guards and video mode on and 1080p/30fps and gimbal and 1080p/30fps and 1080p/30fps and 1080p/30fps and 1080p/30fps is 1 minute.</small>
<b>Max Hovering Time</b>	Approx. 18 mins (approx. 17 mins with the Propeller Guards) <small>Max hovering time is 18 minutes. Max hovering time with propeller guards is 17 minutes. Max hovering time with propeller guards and video mode on is 15 minutes. Max hovering time with propeller guards and video mode on and 1080p/30fps is 10 minutes. Max hovering time with propeller guards and video mode on and 1080p/30fps and gimbal is 8 minutes. Max hovering time with propeller guards and video mode on and 1080p/30fps and gimbal and 1080p/30fps is 5 minutes. Max hovering time with propeller guards and video mode on and 1080p/30fps and gimbal and 1080p/30fps and 1080p/30fps is 3 minutes. Max hovering time with propeller guards and video mode on and 1080p/30fps and gimbal and 1080p/30fps and 1080p/30fps and 1080p/30fps is 1 minute.</small>
<b>Max Flight Distance</b>	7 km <small>Max flight distance is 7 km. Max flight distance with propeller guards is 7 km. Max flight distance with propeller guards and video mode on is 7 km. Max flight distance with propeller guards and video mode on and 1080p/30fps is 7 km. Max flight distance with propeller guards and video mode on and 1080p/30fps and gimbal is 7 km. Max flight distance with propeller guards and video mode on and 1080p/30fps and gimbal and 1080p/30fps is 7 km. Max flight distance with propeller guards and video mode on and 1080p/30fps and gimbal and 1080p/30fps and 1080p/30fps is 7 km. Max flight distance with propeller guards and video mode on and 1080p/30fps and gimbal and 1080p/30fps and 1080p/30fps and 1080p/30fps is 7 km.</small>
<b>Max Wind Speed Resistance</b>	8 m/s (Level 4)
<b>Operating Temperature</b>	-10° to 40° C (14° to 104° F)
<b>Global Navigation Satellite System</b>	GPS + Galileo + BeiDou
<b>Hovering Accuracy Range</b>	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)
<b>Internal Storage</b>	22 GB
<b>Class</b>	C0 (EU)

## Camera

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

## Gimbal

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

# Sensing

<b>Sensing Type</b>	Downward visual positioning
<b>Downward</b>	Precise Hovering Range: 0.5-10 m
<b>Operating Environment</b>	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

<b>Video Transmission System</b>	O4
<b>Live View Quality</b>	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
<b>Operating Frequency</b>	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.
<b>Transmitter Power (EIRP)</b>	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)
<b>Communication Bandwidth</b>	Max 40 MHz
<b>Max Transmission Distance (unobstructed, free of interference)</b>	FCC: 10 km CE: 6 km SRRC: 6 km MIC: 6 km  <small>Actual flight distance is affected by terrain, obstacles, and other factors. The actual distance is not guaranteed.</small>
<b>Max Transmission Distance (unobstructed, with interference)</b>	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  <small>Actual flight distance is affected by terrain, obstacles, and other factors. The actual distance is not guaranteed.</small>
<b>Max Transmission Distance (obstructed, with interference)</b>	Low Interference and Obstructed by Buildings: Approx. 0-0.5 km Low Interference and Obstructed by Trees: approx. 0.5-3 km  <small>Actual flight distance is affected by terrain, obstacles, and other factors. The actual distance is not guaranteed.</small>
<b>Max Download Speed</b>	Wi-Fi: 25 MB/s  <small>Speed is affected by terrain, obstacles, and other factors. The actual speed is not guaranteed.</small>
<b>Lowest Latency</b>	With DJI RC-N3 Remote Controller: Approx. 120 ms  Depending on the actual environment and mobile device.

<b>Max Video Bitrate</b>	50Mbps
<b>Antennas</b>	Two antennas, 1T2R

## Wi-Fi:

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

## Bluetooth

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

## Battery

<b>Capacity</b>	1435 mAh
<b>Weight</b>	Approx. 45 g
<b>Nominal Voltage</b>	7.3 V
<b>Max Charging Voltage</b>	8.6 V
<b>Type</b>	Li-ion
<b>Energy</b>	10.5 Wh
<b>Charging Temperature</b>	5° to 40° C (41° to 104° F)
<b>Charging Time</b>	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  
Charging time of batteries that can be charged simultaneously depends on the physical capacity of the charger. Usage capacity is referred to the battery p

**Compatibility** DJI Neo Intelligent Flight Battery

## Storage

**Recommended microSD Cards** Does not support storage expansion with an external SD card

## 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)