

# Specs

## Aircraft

<b>Takeoff Weight</b>	<249 g <sup>[1]</sup>
<b>Dimensions (L×W×H)</b>	Folded: 145×90×62 mm Unfolded: 171×245×62 mm Unfolded (with propellers): 251×362×70 mm
<b>Diagonal Length</b>	247 mm
<b>Max Ascent Speed</b>	5 m/s (S Mode) 3 m/s (N Mode) 2 m/s (C Mode)
<b>Max Descent Speed</b>	5 m/s (S Mode) 3 m/s (N Mode) 1.5 m/s (C Mode)
<b>Max Speed (at sea level, no wind) <sup>[2]</sup></b>	16 m/s (S Mode) 10 m/s (N Mode) 6 m/s (C Mode)
<b>Max Service Ceiling Above Sea Level</b>	With Intelligent Flight Battery: 4000 m With Intelligent Flight Battery Plus <sup>[7]</sup> : 3000 m <sup>[3]</sup>
<b>Max Flight Time</b>	34 mins (with Intelligent Flight Battery and measured while flying at 21.6 kph in windless conditions) 47 mins (with Intelligent Flight Battery Plus <sup>[7]</sup> and measured while flying at 21.6 kph in windless conditions). Only available in select countries.
<b>Max Hovering Time</b>	30 mins (with Intelligent Flight Battery, no wind) 40 mins (with Intelligent Flight Battery Plus <sup>[7]</sup> , no wind)
<b>Max Flight Distance</b>	18 km (with Intelligent Flight Battery and measured while flying at 43.2 kph in windless conditions) 25 km (with Intelligent Flight Battery Plus <sup>[7]</sup> and measured while flying at 43.2 kph in windless conditions)
<b>Max Wind Speed Resistance</b>	10.7 m/s (Level 5)
<b>Max Tilt Angle</b>	Forward: 40°, Backward: 35° (S Mode) 25° (N Mode) 25° (C Mode)
<b>Max Angular Velocity (by default)*</b>	130°/s (S Mode) * Can be adjusted between 20°/s and 250°/s in the app  75°/s (N Mode) * Can be adjusted between 20°/s and 120°/s in the app  30°/s (C Mode) * Can be adjusted between 20°/s and 60°/s in the app
<b>Operating Temperature</b>	-10° to 40° C (14° to 104° F)
<b>Global Navigation Satellite System (GNSS)</b>	GPS + Galileo + BeiDou
<b>Operation Frequency</b>	2.400-2.4835 GHz 5.725-5.850 GHz <sup>[4]</sup>
<b>Transmitter Power (EIRP)</b>	2.4 GHz: <26 dBm (FCC), <20 dBm (CE/SRRC/MIC) 5.8 GHz: <26 dBm (FCC/SRRC), <14 dBm (CE)
<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)

±0.5 m (with high-precision positioning system)

## Sensing System

<b>Forward</b>	Precision Measurement Range: 0.39-25 m Effective Sensing Speed: Flight speed <10.5 m/s FOV: Horizontal 106°, Vertical 90°
<b>Backward</b>	Precision Measurement Range: 0.36-23.4 m Effective Sensing Speed: Flight speed <8 m/s FOV: Horizontal 58°, Vertical 73°
<b>Downward</b>	Precision Measurement Range: 0.15-9 m Precise Hovering Range: 0.5-12 m Vision Sensor Hovering Range: 0.5-30 m Effective Sensing Speed: Flight speed <3 m/s FOV: Forward/Backward 104.8°, Left/Right 87.6°
<b>Auxiliary Bottom Light</b>	N/A
<b>Operating Environment</b>	Diffuse reflective surface with a clear pattern and reflectivity >20% (such as cement pavement) Adequate lighting (lux > 15, e.g. , normal exposure environment with indoor fluorescent lamp)

## Gimbal

<b>Mechanical Range</b>	Tilt: -135° to 80° Roll: -135° to 45° Pan: -30° to 30°
<b>Controllable Range</b>	Tilt: -90° to 60° Roll: -90° or 0°
<b>Stabilization</b>	3-axis mechanical gimbal (tilt, roll, and pan)
<b>Max Control Speed (tilt)</b>	100°/s
<b>Angular Vibration Range</b>	±0.01°

## Camera

<b>Sensor</b>	1/1.3-inch CMOS Effective Pixels: 48 MP
<b>Lens</b>	FOV: 82.1° Format Equivalent: 24 mm Aperture: f/1.7 Focus Range: 1 m to ∞
<b>ISO Range</b>	Video: 100-6400 (Auto), 100-6400 (Manual) Photo: 100-6400 (Auto), 100-6400 (Manual)
<b>Shutter Speed</b>	Electronic Shutter: 2-1/8000 s
<b>Max Image Size</b>	4:3: 8064×6048 (48 MP), 4032×3024 (12 MP) 16:9: 4032×2268 (12 MP)
<b>Still Photography Modes</b>	Single Shot  Interval: JPEG: 2/3/5/7/10/15/20/30/60 s JPEG + RAW: 2/3/5/7/10/15/20/30/60 s  Auto Exposure Bracketing (AEB): 3/5 bracketed frames at 2/3 EV Bias

Panorama: Sphere, 180°, Wide-angle, and Vertical

<b>Photo Format</b>	JPEG/DNG (RAW)
<b>Video Resolution</b>	4K: 3840×2160@24/25/30/48/50/60fps 2.7K: 2720×1530@24/25/30/48/50/60fps FHD: 1920×1080@24/25/30/48/50/60fps Slow Motion: 1920×1080@120fps
<b>HDR Mode</b>	Photo: HDR supported in Single Shot mode Video: HDR supported when shooting at 24/25/30fps
<b>Video Format</b>	MP4/MOV (H.264/H.265)
<b>Max Video Bitrate</b>	150 Mbps
<b>Zoom Range</b>	4K: 2x 2.7K: 3x FHD: 4x
<b>QuickShot Modes</b>	Dronie, Helix, Rocket, Circle, Boomerang, and Asteroid
<b>Color Profiles</b>	Normal D-Cinelike
<b>Supported File System</b>	FAT32 (≤32 GB) exFAT (>32 GB)

## Video Transmission

<b>Video Transmission System</b>	DJI O3
<b>Live View Quality</b>	1080p/30fps
<b>Operation Frequency</b>	2.400-2.4835 GHz 5.725-5.850 GHz <sup>[4]</sup>
<b>Transmitter Power (EIRP)</b>	2.4 GHz: <26 dBm (FCC), <20 dBm (CE/SRRC/MIC) 5.8 GHz: <26 dBm (FCC/SRRC), <14 dBm (CE)
<b>Communication Bandwidth</b>	1.4MHz/3MHz/10MHz/20MHz/40MHz
<b>Latency (depending on environmental conditions and mobile device)</b>	Aircraft + Remote Controller: Approx. 120 ms
<b>Max Video Bitrate</b>	Aircraft + Remote Controller: 18 Mbps
<b>Max Download Bitrate <sup>[5]</sup></b>	DJI O3: RC-N1 Remote Controller and DJI RC: 5.5 MB/s  Wi-Fi 5: Max 25 MB/s
<b>Signal Transmission Ranges (FCC) <sup>[6]</sup></b>	Strong Interference (urban landscape): Approx. 1.5-3 km Medium Interference (suburban landscape): Approx. 3-7 km Low Interference (suburb/seaside): Approx. 7-12 km
<b>Antennas</b>	4 antennas, 1T2R
<b>Audio Transmission</b>	N/A

## Wi-Fi

<b>Protocol</b>	802.11 a/b/g/n/ac
<b>Transmitter Power (EIRP)</b>	2.400-2.4835 GHz: < 19 dBm (FCC/CE/SRRC/MIC) 5.725-5.850 GHz: < 20 dBm (FCC/SRRC), < 14 dBm (CE)

## Bluetooth

<b>Protocol</b>	Bluetooth 5.2
<b>Transmitter Power (EIRP)</b>	2.400-2.4835 GHz: < 8 dBm

## Intelligent Flight Battery

<b>Capacity</b>	2453 mAh
<b>Weight</b>	Approx. 80.5 g
<b>Voltage</b>	7.38 V
<b>Charging Voltage Limit</b>	8.5 V
<b>Battery Type</b>	Li-ion
<b>Energy</b>	18.1 Wh
<b>Charging Time</b>	64 mins (with the DJI 30W USB-C Charger and the battery mounted to the aircraft) 56 mins (with the DJI 30W USB-C Charger and the battery inserted into the DJI Mini 3 Pro Two-Way Charging Hub)
<b>Charging Temperature Range</b>	5° to 40° C (41° to 104° F)
<b>Recommended Charger</b>	DJI 30W USB-C Charger or other USB Power Delivery chargers (30 W)* * When you charge the battery mounted to the aircraft or inserted into the DJI Mini 3 Pro Two-Way Charging Hub, the maximum charging power supported is 30 W.

## Intelligent Flight Battery Plus <sup>[7]</sup>

<b>Capacity</b>	3850 mAh
<b>Weight</b>	Approx. 121 g
<b>Voltage</b>	7.38 V
<b>Charging Voltage Limit</b>	8.5 V
<b>Battery Type</b>	Li-ion
<b>Energy</b>	28.4 Wh
<b>Charging Time</b>	101 mins (with the DJI 30W USB-C Charger and the battery mounted to the aircraft) 78 mins (with the DJI 30W USB-C Charger and the battery inserted into the DJI Mini 3 Pro Two-Way Charging Hub)
<b>Charging Temperature Range</b>	5° to 40° C (41° to 104° F)
<b>Recommended Charger</b>	DJI 30W USB-C Charger or other USB Power Delivery chargers (30 W)* * When you charge the battery mounted to the aircraft or inserted into the DJI Mini 3 Pro Two-Way Charging Hub, the maximum charging power supported is 30 W.

## Memory Cards

<b>Supported Memory Cards</b>	UHS-I Speed Class 3 or above is required. A list of recommended microSD cards can be found below.
<b>Recommended microSD Cards</b>	SanDisk Extreme 64GB V30 A1 microSDXC SanDisk Extreme 128GB V30 A2 microSDXC SanDisk Extreme 256GB V30 A2 microSDXC SanDisk Extreme 512GB V30 A2 microSDXC SanDisk Extreme Pro 64GB V30 A2 microSDXC SanDisk Extreme Pro 256GB V30 A2 microSDXC SanDisk Extreme Pro 400GB V30 A2 microSDXC SanDisk High Endurance 64GB V30 microSDXC SanDisk High Endurance 256GB V30 microSDXC

SanDisk Max Endurance 32GB V30 microSDHC  
 SanDisk Max Endurance 128GB V30 microSDXC  
 SanDisk Max Endurance 256GB V30 microSDXC  
 Kingston Canvas Go!Plus 64GB V30 A2 microSDXC  
 Kingston Canvas Go!Plus 256GB V30 A2 microSDXC  
 Lexar High Endurance 64GB V30 microSDXC  
 Lexar High Endurance 128GB V30 microSDXC  
 Lexar 667x 64GB V30 A1 microSDXC  
 Lexar 633x 256GB V30 A1 microSDXC  
 Lexar 1066x 64GB V30 A2 microSDXC  
 Lexar 1066x 128GB V30 A2 microSDXC  
 Lexar 1066x 256GB V30 A2 microSDXC  
 Samsung Pro Plus 128GB V30 A2 microSDXC  
 Samsung EVO Plus 512GB microSDXC

## DJI RC-N1 Remote Controller

<b>Transmitter Power (EIRP)</b>	2.400-2.4835 GHz: <26 dBm (FCC), <20 dBm (CE/SRRC/MIC) 5.725-5.850 GHz: <26 dBm (FCC), <23 dBm (SRRC), <14 dBm (CE)
<b>Max Supported Mobile Device Size</b>	Length: 180 mm, Width: 86 mm, Height: 10 mm
<b>Supported Port Types</b>	Lightning, Micro-USB (Type-B), USB-C
<b>Video Transmission System</b>	DJI O3
<b>Max Battery Time</b>	6 hrs (without charging any mobile device) 4 hrs (when charging a mobile device)
<b>Operating Temperature</b>	-10° to 40° C (14° to 104° F)

## DJI RC

<b>Model</b>	RM330
<b>Video Transmission System</b>	DJI O3
<b>Transmitter Power (EIRP)</b>	2.400-2.4835 GHz: <26 dBm (FCC); <20 dBm (CE/SRRC/MIC) 5.725-5.850 GHz: <26 dBm (FCC), <23 dBm (SRRC), <14 dBm (CE)
<b>Storage Capacity</b>	DJI RC's storage capacity can be increased by using a microSD card. Users can store images and videos on the card and export them to a computer or other devices.
<b>Video Output Port</b>	N/A
<b>Max Battery Life</b>	Approx. 4 hours
<b>Operating Temperature</b>	-10° to 40° C (14° to 104° F)

<b>Supported SD Cards</b>	UHS-I Speed Class 3 or above is required. A list of recommended microSD cards can be found below.
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<b>Recommended microSD Cards</b>	SanDisk Extreme 64GB V30 A1 microSDXC SanDisk Extreme 128GB V30 A2 microSDXC SanDisk Extreme 256GB V30 A2 microSDXC SanDisk Extreme 512GB V30 A2 microSDXC SanDisk Extreme Pro 64GB V30 A2 microSDXC SanDisk Extreme Pro 256GB V30 A2 microSDXC SanDisk Extreme Pro 400GB V30 A2 microSDXC SanDisk High Endurance 64GB V30 microSDXC SanDisk High Endurance 256GB V30 microSDXC Kingston Canvas Go!Plus 64GB V30 A2 microSDXC Kingston Canvas Go!Plus 256GB V30 A2 microSDXC Lexar High Endurance 64GB V30 microSDXC Lexar High Endurance 128GB V30 microSDXC Lexar 633x 256GB V30 A1 microSDXC Lexar 1066x 64GB V30 A2 microSDXC Samsung EVO Plus 512GB microSDXC
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<b>Wi-Fi Protocol</b>	802.11 a/b/g/n
<b>Wi-Fi Transmitter Power (EIRP)</b>	2.400-2.4835 GHz: <23 dBm (FCC), <20 dBm (CE/SRRC/MIC) 5.150-5.250 GHz: <23 dBm (FCC/CE/SRRC/MIC) 5.725-5.850 GHz: <23 dBm (FCC/SRRC), <14 dBm (CE)
<b>Bluetooth Protocol</b>	Bluetooth 4.2
<b>Bluetooth Transmitter Power (EIRP)</b>	2.400-2.4835 GHz: <10 dBm

## Charging Hub

<b>Compatible DJI Charger</b>	DJI 30W USB-C Charger or other USB Power Delivery chargers (30 W) * When you charge a battery mounted to the aircraft or inserted into the DJI Mini 3 Pro Two-Way Charging Hub, the maximum charging power supported is 30 W.
<b>Compatible DJI Batteries</b>	DJI Mini 3 Pro Intelligent Flight Battery, DJI Mini 3 Pro Intelligent Flight Battery Plus <sup>[7]</sup>
<b>Input</b>	5 V, 3 A 9 V, 3 A 12 V, 3 A
<b>Output (USB)</b>	Max Voltage: 5 V, Max Current: 2 A
<b>Charging Type</b>	Three batteries being charged in sequence

## App

<b>Mobile Device App</b>	DJI Fly
<b>Required Operating System</b>	iOS v11.0 or later Android v6.0 or later

## Other

<b>Footnotes</b>	<ol style="list-style-type: none"> <li>The standard weight of the aircraft (including the DJI Mini 3 Pro Intelligent Flight Battery, propellers, and a microSD card). Actual product weight may vary due to differences in batch materials and external factors. Registration is not required in some countries and regions. Check local rules and regulations before use. These specifications have been determined through tests conducted with the latest firmware. Firmware updates can enhance performance, so updating to the latest firmware is highly recommended. With the DJI Mini 3 Pro Intelligent Flight Battery Plus, the aircraft will weigh more than 249 g (about 290 g). Please check and strictly abide by local laws and regulations before flying.</li> <li>The max flight speed is subject to local restrictions that may change. Please abide by local laws and regulations when flying.</li> <li>Increase in aircraft weight can affect flight propulsion. When the aircraft is using the Intelligent Flight Battery Plus, do not mount additional payloads like a propeller guard or third-party accessories to avoid a lack of propulsion.</li> <li>Due to local policy and regulation restrictions, the 5.8 GHz frequency band is currently banned in certain countries, including but not limited to Japan, Russia, Israel, Ukraine, and Kazakhstan. Please use the 2.4 GHz frequency band when operating in these locations. Always check local rules and regulations before use, as they may change over time.</li> <li>Measured in a laboratory environment with little interference in countries/regions that support both 2.4 GHz and 5.8 GHz. With footage saved on an SD card or the internal storage. Download speeds may vary depending on actual conditions.</li> <li>Data is tested under FCC standards in unobstructed environments of typical interference. Only to serve as a reference and provides no guarantee as to the actual flight distance. Max one-way communication distance of DJI Mini 3 Pro in countries/regions of different standards: FCC: United States, Australia, Canada, Hong Kong, Taiwan, Chile, Colombia, Puerto Rico, and other regions. Max transmission range: 12 km SRRC: Mainland China. Max transmission range: 8 km CE: UK, Russia, France, Germany, Portugal, Spain, Switzerland, Macau, New Zealand, UAE, and other regions. Max transmission range: 8 km MIC: Japan. Max transmission distance: 8 km</li> <li>Sold separately and only in selected countries and regions.</li> </ol>
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