

# Specs

## Aircraft

<b>Takeoff Weight</b>	248 g <small>248 g (88.1 oz) with Intelligent Flight Battery; 240 g (85.3 oz) with Intelligent Flight Battery Plus* (sold separately)</small>
<b>Dimensions</b>	Folded (without propellers): 148×90×62 mm (L×W×H) Unfolded (with propellers): 251×362×72 mm (L×W×H)
<b>Max Ascent Speed</b>	5 m/s
<b>Max Descent Speed</b>	3.5 m/s
<b>Max Horizontal Speed (at sea level, no wind)</b>	16 m/s <small>The max horizontal speed is subject to dynamic local restrictions. Please abide by local laws and regulations when flying.</small>
<b>Max Takeoff Altitude</b>	With Intelligent Flight Battery: 4000 m With Intelligent Flight Battery Plus*: 3000 m <small>*Sold separately and only in selected countries and regions. When using the Intelligent Flight Battery Plus, do not mount additional payload.</small>
<b>Max Flight Time</b>	38 minutes (with Intelligent Flight Battery) 51 minutes (with Intelligent Flight Battery Plus*) <small>*Maximum flight time is based on a 100% battery level at takeoff. Actual flight time varies depending on flight profile, wind, and other factors.</small>
<b>Max Hovering Time</b>	33 minutes (with Intelligent Flight Battery) 44 minutes (with Intelligent Flight Battery Plus*) <small>*Maximum hovering time is based on a 100% battery level at takeoff. Actual hovering time varies depending on flight profile, wind, and other factors.</small>
<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* and measured while flying at 43.2 kph in windless conditions) <small>*Sold separately and only in selected countries and regions.</small>
<b>Max Wind Speed Resistance</b>	10.7 m/s (Level 5)
<b>Max Tilt Angle</b>	40°
<b>Operating Temperature</b>	-10° to 40° C (14° to 104° F)
<b>Global Navigation Satellite System</b>	GPS + GLONASS + Galileo
<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>	N/A

## Camera

<b>Image Sensor</b>	1/1.3-inch CMOS Effective Pixels: 12 MP
<b>Lens</b>	FOV: 82.1° Format Equivalent: 24 mm Aperture: f/1.7 Focus: 1 m to ∞
<b>ISO Range</b>	Video: 100-3200 Photo: 100-3200
<b>Shutter Speed</b>	Electronic Shutter: 2-1/8000 s
<b>Max Image Size</b>	4000×3000
<b>Still Photography Modes</b>	Single Shot: 12 MP Timed: 12 MP JPEG: 2/3/5/7/10/15/20/30/60 s JPEG + RAW: 5/7/10/15/20/30/60 s Automatic Exposure Bracketing (AEB): 12 MP, 3 frames at 2/3 EV step Panorama: Sphere, 180°, Wide Angle HDR: The Single Shot mode supports outputting HDR images.
<b>Photo Format</b>	JPEG/DNG (RAW)
<b>Video Resolution</b>	4K: 3840×2160@24/25/30 fps 2.7K: 2720×1530@24/25/30/48/50/60 fps FHD: 1920×1080@24/25/30/48/50/60 fps HDR: Recording with the 24/25/30fps frame rate supports outputting HDR images.
<b>Video Format</b>	MP4 (H.264)
<b>Max Video Bitrate</b>	100 Mbps
<b>Supported File System</b>	FAT32 (≤ 32 GB) exFAT (> 32 GB)
<b>Color Mode</b>	Normal
<b>Digital Zoom</b>	4K: 2× 2.7K: 3× FHD: 4×
<b>QuickShots Modes</b>	Dronie, Helix, Rocket, Circle, and Boomerang

## Gimbal

<b>Stabilization</b>	3-axis mechanical gimbal (tilt, roll, and pan)
<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°

**Max Control Speed (tilt)** 100°/s

**Angular Vibration Range** ±0.01°

## Sensing

**Sensing Type** Downward vision system

**Downward** Precise Hovering Range:  
0.5-10 m

**Operating Environment** Downward:  
Diffuse reflective surfaces with a clear pattern and reflectivity > 20% (such as walls, trees, or people)  
Adequate lighting (lux > 15, normal indoor lighting conditions)

## Video Transmission

**Video Transmission System** DJI O2

**Live View Quality** Remote Controller:  
720p/30fps

**Operating Frequency** 2.400-2.4835 GHz  
5.725-5.850 GHz

**Transmission Power (EIRP)** 2.400-2.4835 GHz:  
< 26 dBm (FCC)  
< 20 dBm (CE/SRRC/MIC)  
  
5.725-5.850 GHz:  
< 26 dBm (FCC/SRRC)  
< 14 dBm (CE)

**Max Transmission Distance (free of interference)** FCC: 10 km  
CE: 6 km  
SRRC: 6 km  
MIC: 6 km  
Measured in a clear, unobstructed outdoor environment, please pay attention to the above data in the DJI Fly app. The actual communication range for one-way transmission is affected by many factors, such as the environment, the number of obstacles, and the power of the transmitter and receiver.

**Max Transmission Distance (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 the FCC standard in a suburban environment with typical interference. Used for reference purposes only and provides no guarantee.

**Max Download Speed** DJI O2:  
5.5 MB/s (with DJI RC-N1 Remote Controller)  
5.5 MB/s (with DJI RC)  
Wi-Fi: 5: 25 MB/s\*  
\*Based on the speed of a single video stream, which is mainly dependent on the actual environment and the network conditions. Countries/regions that support both 2.4 GHz and 5.8 GHz, with footage saved to the SD card.

**Lowest Latency** Approx. 200 ms  
Depending on the actual environment and mobile device.

**Antenna** 2 antennas, 1T2R

## Battery

<b>Capacity</b>	Intelligent Flight Battery: 2453 mAh Intelligent Flight Battery Plus*: 3850 mAh <small>*Sold separately and only in selected countries and regions.</small>
<b>Weight</b>	Intelligent Flight Battery: Approx. 80.5 g Intelligent Flight Battery Plus*: Approx. 121 g <small>*Sold separately and only in selected countries and regions.</small>
<b>Nominal Voltage</b>	7.38 V
<b>Max Charging Voltage</b>	8.5 V
<b>Type</b>	Li-ion
<b>Energy</b>	Intelligent Flight Battery: 18.1 Wh Intelligent Flight Battery Plus*: 28.4 Wh <small>*Sold separately and only in selected countries and regions.</small>
<b>Charging Temperature</b>	5° to 40° C (41° to 104° F)
<b>Charging Time</b>	Intelligent Flight Battery: 64 minutes (with the DJI 30W USB-C Charger and the battery mounted to the aircraft) 56 minutes (with the DJI 30W USB-C Charger and the battery inserted into the Two-Way Charging Hub)  Intelligent Flight Battery Plus*: 101 minutes (with the DJI 30W USB-C Charger and the battery mounted to the aircraft) 78 minutes (with the DJI 30W USB-C Charger and the battery inserted into the Two-Way Charging Hub) <small>*Sold separately and only in selected countries and regions.</small>

## Charger

<b>Recommended Charger</b>	DJI 30W USB-C Charger or other USB Power Delivery chargers (30W)* <small>*When you charge the battery mounted to the aircraft or inserted into the Two-Way Charging Hub, the maximum charging power supported</small>
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## Charging Hub

<b>Input</b>	5 V, 3 A 9 V, 3 A 12 V, 3 A
<b>Output</b>	USB-A: Max Voltage: 5 V; Max Current: 2 A
<b>Charging Type</b>	Three batteries charged in sequence
<b>Compatible Batteries</b>	DJI Mini 3 Pro Intelligent Flight Battery, DJI Mini 3 Pro Intelligent Flight Battery Plus* <small>*Sold separately and only in selected countries and regions.</small>

## Storage

<b>Recommended microSD Cards</b>	SanDisk Extreme 32GB V30 A1 microSDXC SanDisk Extreme 64GB V30 A1 microSDXC SanDisk Extreme 128GB V30 A2 microSDXC SanDisk Extreme 256GB V30 A2 microSDXC SanDisk Extreme Pro 32GB V30 A1 microSDXC Kingston Canvas Go!Plus 64GB V30 A2 microSDXC Kingston Canvas Go!Plus 128GB V30 A2 microSDXC Kingston Canvas Go!Plus 256GB V30 A2 microSDXC Kingston Canvas React Plus 64GB V30 A1 microSDXC Kingston Canvas React Plus 128GB V30 A1 microSDXC Samsung PRO Plus 256GB V30 A2 microSDXC
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## Remote Controller

<b>Max Operating Time</b>	DJI RC-N1 Remote Controller Without charging any mobile device: 6 hours When charging a mobile device: 4 hours
<b>Max Supported Mobile Device Size</b>	DJI RC-N1 Remote Controller 180×86×10 mm (L×W×H)
<b>Operating Temperature</b>	DJI RC-N1 Remote Controller -10° to 40° C (14° to 104° F)
<b>Transmission Power (EIRP)</b>	DJI RC-N1 Remote Controller 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)