Specs

Aircraft

Takeoff Weight	<249 g [1]
Dimensions (L×W×H)	Folded: 145×90×62 mm Unfolded: 171×245×62 mm Unfolded (with propellers): 251×362×70 mm
Diagonal Length	247 mm
Max Ascent Speed	5 m/s (S Mode) 3 m/s (N Mode) 2 m/s (C Mode)
Max Descent Speed	5 m/s (S Mode) 3 m/s (N Mode) 1.5 m/s (C Mode)
Max Speed (at sea level, no wind) [2]	16 m/s (S Mode) 10 m/s (N Mode) 6 m/s (C Mode)
Max Service Ceiling Above Sea Level	With Intelligent Flight Battery: 4000 m With Intelligent Flight Battery Plus [7]: 3000 m [3]
Max Flight Time	34 mins (with Intelligent Flight Battery and measured while flying at 21.6 kph in windless conditions) 47 mins (with Intelligent Flight Battery Plus [7] and measured while flying at 21.6 kph in windless conditior available in select countries.
Max Hovering Time	30 mins (with Intelligent Flight Battery, no wind) 40 mins (with Intelligent Flight Battery Plus [7], no wind)
Max Flight Distance	18 km (with Intelligent Flight Battery and measured while flying at 43.2 kph in windless conditions) 25 km (with Intelligent Flight Battery Plus [7] and measured while flying at 43.2 kph in windless conditions
Max Wind Speed Resistance	10.7 m/s (Level 5)
Max Tilt Angle	Forward: 40°, Backward: 35° (S Mode) 25° (N Mode) 25° (C Mode)
Max Angular Velocity (by default)*	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

Operating Temperature	-10° to 40° C
Global Navigation Satellite System (GNSS)	GPS + Galileo + BeiDou
Operation Frequency	2.400-2.4835 GHz 5.725-5.850 GHz [4]
Transmitter Power (EIRP)	2.4 GHz: <26 dBm (FCC), <20 dBm (CE/SRRC/MIC) 5.8 GHz: <26 dBm (FCC/SRRC), <14 dBm (CE)
Hovering Accuracy Range	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

Forward	Precision Measurement Range: 0.39-25 m Effective Sensing Speed: Flight speed <10 m/s FOV: Horizontal 106°, Vertical 90°
Backward	Precision Measurement Range: 0.36-23.4 m Effective Sensing Speed: Flight speed <10 m/s FOV: Horizontal 58°, Vertical 73°
Downward	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°
Auxiliary Bottom Light	N/A
Operating Environment	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

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

Camera

Sensor	1/1.3-inch CMOS Effective Pixels: 48 MP
Lens	FOV: 82.1° Format Equivalent: 24 mm Aperture: f/1.7 Focus Range: 1 m to ∞
ISO Range	Video: 100-6400 (Auto), 100-6400 (Manual) Photo: 100-6400 (Auto), 100-6400 (Manual)
Shutter Speed	Electronic Shutter: 2-1/8000 s
Max Image Size	4:3: 8064×6048 (48 MP), 4032×3024 (12 MP) 16:9: 4032×2268 (12 MP)
Still Photography Modes	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
Photo Format	JPEG/DNG (RAW)
Video Resolution	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
HDR Mode	Photo: HDR supported in Single Shot mode Video: HDR supported when shooting at 24/25/30fps
Video Format	MP4/MOV (H.264/H.265)
Max Video Bitrate	150 Mbps
Zoom Range	4K: 2x 2.7K: 3x FHD: 4x
QuickShot Modes	Dronie, Helix, Rocket, Circle, Boomerang, and Asteroid
Color Profiles	Normal D-Cinelike
Supported File System	FAT32 (≤32 GB) exFAT (>32 GB)

Video Transmission

Video Transmission System	DJI O3
Live View Quality	1080p/30fps

Operation Frequency	2.400-2.4835 GHz 5.725-5.850 GHz [4]
Transmitter Power (EIRP)	2.4 GHz: <26 dBm (FCC), <20 dBm (CE/SRRC/MIC) 5.8 GHz: <26 dBm (FCC/SRRC), <14 dBm (CE)
Communication Bandwidth	1.4MHz/3MHz/10MHz/20MHz/40MHz
Latency (depending on environmental conditions and mobile device)	Aircraft + Remote Controller: Approx. 120 ms
Max Video Bitrate	Aircraft + Remote Controller: 18 Mbps
Max Download Bitrate [5]	DJI O3: RC-N1 Remote Controller and DJI RC: 5.5 MB/s Wi-Fi 5: Max 30 MB/s
Signal Transmission Ranges (FCC) [6]	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
Antennas	4 antennas, 1T2R
Audio Transmission	N/A

Wi-Fi

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

Bluetooth

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

Intelligent Flight Battery

Capacity	2453 mAh
Weight	Approx. 80.5 g
Voltage	7.38 V
Charging Voltage Limit	8.5 V
Battery Type	Li-ion
Energy	18.1 Wh
Max Charging Power	37 W

Charging Time	64 mins (with DJI 30W USB-C Charger)
Charging Temperature Range	5° to 40° C (41° to 104° F)
Recommended Charger	DJI 30W USB-C Charger or other USB Power Delivery chargers

Intelligent Flight Battery Plus [7]

Capacity	3850 mAh
Weight	Approx. 121 g
Voltage	7.38 V
Charging Voltage Limit	8.5 V
Battery Type	Li-ion
Energy	28.4 Wh
Max Charging Power	58 W
Charging Time	101 mins (with DJI 30W USB-C Charger)
Charging Temperature Range	5° to 40° C (41° to 104° F)
Recommended Charger	DJI 30W USB-C Charger or other USB Power Delivery chargers

Memory Cards

Supported Memory Cards	UHS-I Speed Class 3 or above is required. A list of recommended microSD cards can be found below.
Recommended microSD Cards	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

Transmitter Power (EIRP)	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)
Max Supported Mobile Device Size	Length: 180 mm, Width: 86 mm, Height: 10 mm
Supported Port Types	Lightning, Micro-USB (Type-B), USB-C
Video Transmission System	DJI O3
Max Battery Time	6 hrs (without charging any mobile device) 4 hrs (when charging a mobile device)
Operating Temperature	-10° to 40° C (14° to 104° F)

DJI RC

Model	RM330
Video Transmission System	DJI O3
Transmitter Power (EIRP)	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)
Storage Capacity	DJI RC's storage capacity can be increased by using a microSD card. Users can store images and videos or and export them to a computer or other devices.
Video Output Port	N/A
Max Battery Life	Approx. 4 hours
Operating Temperature	-10° to 40° C (14° to 104° F)
Supported SD Cards	UHS-I Speed Class 3 or above is required. A list of recommended microSD cards can be found below.
Recommended microSD Cards	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

Wi-Fi Protocol	802.11 a/b/g/n
Wi-Fi Transmitter Power (EIRP)	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)
Bluetooth Protocol	Bluetooth 4.2
Bluetooth Transmitter Power (EIRP)	2.400-2.4835 GHz: <10 dBm

Charging Hub

Compatible DJI Charger	DJI 30W USB-C Charger or other USB Power Delivery chargers
Compatible DJI Batteries	DJI Mini 3 Pro Intelligent Flight Battery, DJI Mini 3 Pro Intelligent Flight Battery Plus [7]
Input	5 V, 3 A 9 V, 3 A 12 V, 3 A
Output (USB)	Max Voltage: 5 V, Max Current: 2 A
Charging Type	Three batteries being charged in sequence

App

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

Other

Footnotes	1. The standard weight of the aircraft (including the Intelligent Flight Battery, propellers, and a microSD ca Actual product weight may vary due to differences in batch materials and external factors. Registration is required in some countries and regions. Check local rules and regulations before use. These specification been determined through tests conducted with the latest firmware. Firmware updates can enhance perfo so updating to the latest firmware is highly recommended. 2. The max flight speed is subject to local restrictions that may change. Please abide by local laws and reg when flying. 3. Increase in aircraft weight can affect flight propulsion. When the aircraft is using the Intelligent Flight B Plus, do not mount additional payloads like a propeller guard or third-party accessories to avoid a lack of propulsion. 4. Due to local policy and regulation restrictions, the 5.8 GHz frequency band is currently banned in certai countries, including but not limited to Japan, Russia, Israel, Ukraine, and Kazakhstan. Please use the 2.4 GI frequency band when operating in these locations. Always check local rules and regulations before use, a change over time. 5. Measured in a laboratory environment with little interference in countries/regions that support both 2. 5.8 GHz. With footage saved on the built-in SSD or the internal storage. Download speeds may vary depe actual conditions. 6. Data is tested under FCC standards in unobstructed environments of typical interference. Only to serve 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 region 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 regio transmission range: 8 km MIC: Japan. Max transmission distance: 8 km 7. Sold separately and only in selected countries.