



dji
MINI 2SE



Aircraft

Takeoff weight	246 g
Dimensions	Folded (without propellers): 138×81×58 mm (L×W×H) Unfolded (with propellers): 245×289×56 mm (L×W×H)
Max Ascent Speed	5 m/s
Max Descent Speed	3.5 m/s
Max Horizontal Speed (at sea level, no wind)	16 m/s <small>The max horizontal speed is subject to dynamic local restrictions. Please abide by local laws and regulations when flying</small>
Max Takeoff Altitude	4000 m 2000 m when taking off with propeller guards
Max Flight Time	31 minutes
Max Hovering Time	33 minutes (with Intelligent Flight Battery) 44 minutes (with Intelligent Flight Battery Plus*)
Max flight distance	15.7 km
Max Wind Speed Resistance	10.7 m/s (Level 5)
Operating temperature range	0° to 40° C (32° to 104° F)
Max Pitch Angle	40°
Global Navigation Satellite System	GPS + GLONASS + Galileo
Hovering accuracy	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)



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
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
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*
Lowest Latency	Approx. 200 ms



Camera

Image Sensor	1/2.3-inch CMOS, Effective Pixels: 12 MP
Lens	FOV: 83° Format Equivalent: 24 mm Aperture: f/2.8 Focus: 1 m to ∞
ISO range	Video: 100-3200 Photo: 100-3200
Shutter Speed	Electronic Shutter: 4-1/8000 s
Max Image Size	4000×3000
Still Photography Modes	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°, and Wide Angle
Photo format	JPEG/DNG (RAW)
Video Resolution	2.7K: 2720×1530@24/25/30 fps FHD: 1920×1080@24/25/30/48/50/60 fps
Video format	MP4 (MPEG-4 AVC/H.264)
Supported File System	FAT32 (≤32 GB) exFAT (>32 GB)
Digital Zoom	2.7K: 3× FHD: 4×
Color Profiles	Normal
Max Video Bitrate	100 Mbps
QuickShots Modes	Dronie, Helix, Rocket, Circle, and Boomerang

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 System	3-axis mechanical gimbal (tilt, roll, pan)
Max Control Speed (Tilt)	100°/s
Angular Vibration Range	±0.01°

Charger

Input	5 V, 3 A 9 V, 3 A 12 V, 3 A
Output	USB-A: Max Voltage: 5 V; Max Current: 2 A
Charging Type	Three batteries charged in sequence.
Compatibility	DJI Mini 3 Pro Intelligent Flight Battery, DJI Mini 3 Pro Intelligent Flight Battery Plus*

Storage

SD storage	<p>SanDisk Extreme PRO 32GB V30 U3 A1 microSDHC Lexar 1066x 64GB V30 U3 A2 microSDXC Lexar 1066x 128GB V30 U3 A2 microSDXC Lexar 1066x 256GB V30 U3 A2 microSDXC Lexar 1066x 512GB V30 U3 A2 microSDXC Kingston Canvas GO! Plus 64GB V30 U3 A2 microSDXC Kingston Canvas GO! Plus 128GB V30 U3 A2 microSDXC Kingston Canvas React Plus 64GB V90 U3 A1 microSDXC Kingston Canvas React Plus 128GB V90 U3 A1 microSDXC Kingston Canvas React Plus 256GB V90 U3 A1 microSDXC Samsung EVO Plus 512GB V30 U3 A2 microSDXC</p>
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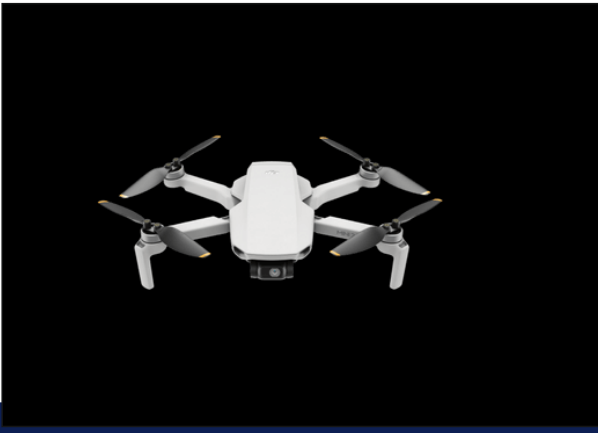


Remote controller

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

Sensing

Downward	Precise Hovering Range: 0.5-10 m
Operating Environment	Downward: surfaces with discernible patterns, diffuse reflectivity >20% (e.g., walls, trees, people), and adequate lighting (lux >15)



Battery

Capacity	2250 mAh
Nominal Voltage	7.7 V
Weight	82.5 g
Battery type	Li-ion
Energy	17.32 Wh
Charging temperature range	5° to 40° C (41° to 104° F)
Max Charging Voltage	8.8 V



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**Play ground, Rifle Club Rd, beside the, Subodh Garden, Subodh Park,
Bansdrani, Kolkata, West Bengal 700070**