

Specs

Aircraft

Takeoff Weight	595 g
Dimensions	Folded: 180×97×77 mm (length×width×height) Unfolded: 183×253×77 mm (length×width×height)
Diagonal Length	302 mm
Max Ascent Speed	6 m/s (S Mode) 6 m/s (N Mode)
Max Descent Speed	6 m/s (S Mode) 6 m/s (N Mode)
Max Service Ceiling Above Sea Level	5000 m
Max Flight Time (no wind)	31 minutes
Max Hovering Time (no wind)	30 minutes * <small>* The flight time was measured in a controlled test environment. Specific test conditions are as follows: No wind, at sea level, constant flight speed of 32.4 kph, APAS off, AirSense off, camera parameters set to 1080p/24fps, video mode off, and flying from 100% battery to 0% battery. Results may vary depending on environment, usage scenario, and firmware version.</small>
Max Flight Distance (no wind)	18.5 km
Max Flight Speed (near sea level, no wind)	19 m/s (S Mode) 15 m/s (N Mode) 5 m/s (C Mode)
Max Wind Speed Resistance	10.7 m/s
Max Tilt Angle	35° (S Mode) Front: 30°, Back: 20°, Left: 35°, Right: 35° (N Mode)
Max Angular Velocity	250°/s (S Mode) 90°/s (N Mode) 60°/s (C Mode)
Operating Temperature Range	0° to 40°C (32° to 104°F)
Operating Frequency	2.4 GHz 5.8 GHz
Transmission Power (EIRP)	2.4 GHz: FCC: ≤30 dBm CE: ≤20 dBm SRRC: ≤20 dBm MIC: ≤20 dBm 5.8 GHz: FCC: ≤30 dBm CE: ≤14 dBm SRRC: ≤29 dBm
Hovering Accuracy Range	Vertical: ± 0.1 m (with vision positioning) ± 0.5 m (with GNSS positioning) Horizontal: ± 0.1 m (with vision positioning) ± 1.5 m (with GNSS positioning)
Propellers	Quick release, low noise, folding
Aircraft Arms	Foldable
GNSS	GPS+GLONASS+GALILEO
Compass	Single Compass
IMU	Single IMU
Internal Storage	8 GB

Intelligent Flight Battery

Capacity ¹	3750 mAh / 3500 mAh
Voltage	11.04 V / 11.55 V
Max Charging Voltage	12.6 V / 13.2 V
Battery Type	LiPo 3S
Energy	41.4 Wh / 40.42 Wh
Weight	198 g
Charging Temperature Range	5° to 40°C (41° to 104°F)
Max Charging Power	38 W
Built-in Battery	N/A

Camera

Sensor	1" CMOS Effective Pixels: 20 MP; 2.4µm Pixel Size
Lens	FOV: 88° 35 mm Format Equivalent: 22 mm Aperture: f/2.8 Shooting Range: 0.6 m to ∞
ISO Range	Video: 100-3200 (Auto) 100-6400 (Manual) 10-Bit Dlog-M Video: 100-800 (Auto) 100-1600 (Manual) Photo: 100-3200 (Auto) 100-12800 (Manual)
Still Image Size	20 MP 5472×3648 (3:2) 5472×3078 (16:9)
Still Photography Modes	Single shot: 20 MP Burst shooting: 20 MP (continuous burst) Auto Exposure Bracketing (AEB): 20 MP, 3/5 bracketed frames at 0.7 EV bias Timed: 20 MP, 2/3/5/7/10/15/20/30/60s SmartPhoto (including HDR and HyperLight): 20 MP HDR Panorama ² : Vertical (3×1): 3328×8000 (width×height) Wide-angle (3×3): 8000×6144 (width×height) 180° (3×7): 8192×3500 (width×height) Sphere (3×8+1): 8192×4096 (width×height) JPEG/DNG (RAW)
Video Resolution	5.4K: 5472×3078 @ 24/25/30 fps 4K Ultra HD: 3840×2160 @ 24/25/30/48/50/60 fps 2.7K: 2688×1512 @ 24/25/30/48/50/60 fps FHD: 1920×1080 @ 24/25/30/48/50/60/120 fps MP4/MOV (H.264/MPEG-4 AVC, H.265/HEVC)
Max Video Bitrate	150 Mbps
Supported File System	FAT32/exFAT Supports a microSD card with a capacity of up to 256 GB.
Digital Zoom	Zoom recording is not available while recording 10-bit videos and 120fps videos. 4K/30fps: 4x; 2.7K/60fps: 4x; 2.7K/30fps: 6x; 1080p/60fps: 6x; 1080p/30fps: 8x

Gimbal

Stabilization	3-axis (tilt, roll, pan)
Mechanical Range	Tilt: -135° to 45° Roll: -45° to 45° Pan: -100° to 100°
Pan Axis	Not Controllable
Controllable Range	Tilt: -90° to 0°(default); -90° to 24° (extended)
Max Controllable Speed (tilt)	100°/s
Angular Vibration Range	±0.01°

Sensing System

Forward	Precision Measurement Range: 0.38-23.8 m Effective Sensing Speed: ≤15 m/s Field of View (FOV): 72° (horizontal), 58° (vertical)
Backward	Precision Measurement Range: 0.37-23.4 m Effective Sensing Speed: ≤12 m/s Field of View (FOV): 57° (horizontal), 44° (vertical)
Downward	ToF Measurement Range: 0.1-8 m Hovering Range: 0.5-30 m Vision Sensor Hovering Range: 0.5-60 m
Left/Right	N/A
Upward	Precision Measurement Range: 0.34-28.6 m Field of View (FOV): 63° (horizontal), 78° (vertical)
Downward Auxiliary Light	Single LED

Video Transmission

Transmission System	O3 2.4 GHz/5.8 GHz Auto-Switching (compatible with OcuSync 2.0) 4-antenna 2T4R
Max Transmission Distance	12 km (FCC), 8 km (CE) 8 km (SRRC), 8 km (MIC)
Live View Quality/Latency	Drone + Remote Controller: 1080p/30fps 12 Mbps 120 ms Drone + DJI Smart Controller: 1080p/30fps 12Mbps 130 ms
Max Transmission Bitrate	44 Mbps (download bitrate) 16 Mbps (live video bitrate)
Operating Frequency	2.4 GHz 5.8 GHz

DJI RC-N1 Remote Controller

Multiple Controllers	N/A
DJI Smart Controller	Supported
Remote Controller Transmission System	When used with different aircraft hardware configurations, DJI RC-N1 Remote Controllers will automatically select the corresponding firmware version for updating and support the following transmission technologies enabled by the hardware performance of the linked aircraft models: a. DJI Mini 2/ DJI Mavic Air 2: O2 b. DJI Air 2S: O3 c. DJI Mavic 3: O3+
Battery Life	6 hours (4 hours when charging a mobile device)
Supported Mobile Device Connectors	Lightning, Micro USB, USB-C
Max Supported Mobile Device Size	180×86×10 mm (length×width×height)
Operating Temperature	0° to 40°C (32° to 104°F)
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)

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 on the card 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 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
Wi-Fi Protocol	802.11 a/b/g/n

Charger

Charging Input	100-240V, 50/60 Hz, 1.3 A
Charging Output	Charging Port: 13.2 V~2.82 A USB Port: 5 V~2 A
Voltage	13.2 V
Rated Power	38 W

Footnotes:

<div><ol style="list-style-type: none">The two battery versions are basically the same in terms of battery life and propulsion performance.</div>
<div><ol style="list-style-type: none">To ensure the Panorama quality, the aircraft will crop the panoramic photos made out of multiple images. Therefore, the photo resolution may vary in different shooting scenarios.</div>