

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)
Internal Storage	Mavic 3: 8 GB (available space is approx. 7.9 GB) Mavic 3 Cine: 1TB (available space is approx. 934.8 GB)

Hasselblad Camera

Sensor	4/3 CMOS, Effective pixels: 20 MP
Lens	FOV: 84° Format Equivalent: 24 mm Aperture: f/2.8 to f/11 Focus: 1 m to ∞ (with autofocus)
ISO Range	Video: 100-6400 Still Image: 100-6400
Shutter Speed	Electronic Shutter: 8-1/8000 s
Max Image Size	Main Unit: 5280×3956
Still Photography Modes	Single shot: 20MP Photos Automatic Exposure Bracketing (AEB): 20 MP, 3/5 bracketed frames at 0.7 EV Burst shooting: 20 MP, 3/5/7 Timed: 20 MP, 2/3/5/7/10/15/20/30/60 s
Video Resolution	Apple ProRes 422 HQ Apple ProRes 422 Apple ProRes 422 LT 5.1K: 5120×2700@24/25/30/48/50fps DCI 4K: 4096×2160@24/25/30/48/50/60/120*fps 4K: 3840×2160@24/25/30/48/50/60/120*fps H.264/H.265 5.1K: 5120×2700@24/25/30/48/50fps DCI 4K: 4096×2160@24/25/30/48/50/60/120*fps 4K: 3840×2160@24/25/30/48/50/60/120*fps FHD: 1920×1080@24/25/30/48/50/60/120*/200*fps * Framerates above are recording framerates. Videos will be played as slow-motion videos. Only the Cine version supports ProRes recording.
Max Video Bitrate	H.264/H.265 Bitrate: 200 Mbps Apple ProRes 422 HQ Bitrate: 3,772 Mbps Apple ProRes 422 Bitrate: 2,514 Mbps Apple ProRes 422 LT Bitrate: 1,750 Mbps Only the Cine version supports ProRes recording.
Supported File Formats	exFAT
Photo Format	JPEG/DNG (RAW)
Video Formats	Mavic 3: MP4/MOV (MPEG-4 AVC/H.264, HEVC/H.265) Mavic 3 Cine: MP4/MOV (MPEG-4 AVC/H.264, HEVC/H.265) MOV (Apple ProRes 422 HQ/422/422 LT)

Only the Cine version supports ProRes recording.

Tele Camera

Sensor	1/2-inch CMOS
Shutter Speed	Electronic Shutter: 2-1/8000 s
Lens	FOV: 15° Format Equivalent: 162mm Aperture: f/4.4 Focus: 3 m to ∞
ISO Range	Video: 100-6400 Still Image: 100-6400
Max Image Size	4000×3000
Photo Format	JPEG/DNG (RAW)
Video Formats	MP4/MOV (MPEG-4 AVC/H.264, HEVC/H.265)
Still Photography Modes	Single shot: 12MP Photos Automatic Exposure Bracketing (AEB): 12 MP, 3/5 bracketed frames at 0.7 EV Burst shooting: 12 MP, 3/5/7 Timed: 12 MP, 2/3/5/7/10/15/20/30/60 s
Video Resolution	H.264/H.265 4K: 3840×2160@25/30/50fps FHD: 1920×1080@25/30/50fps
Digital Zoom	7-28x

Gimbal

Stabilization	3-axis motorized (tilt, roll, pan)
Mechanical Range	Tilt: -135° to 100° Roll: -45° to 45° Pan: -27° to 27°
Controllable Range	Tilt: -90° to 35° Pan: -5° to 5°
Max Control Speed (tilt)	100°/s
Angular Vibration Range	±0.007°

Sensing

Sensing System	Omnidirectional binocular vision system, supplemented with an infrared sensor at the bottom of the aircraft
Forward	Measurement Range: 0.5-20 m Detection Range: 0.5-200 m Effective Sensing Speed: Flight Speed $\leq$ 15m/s FOV: Horizontal 90°, Vertical 103°

Backward	Measurement Range: 0.5-16 m Effective Sensing Speed: Flight Speed ≤ 12m/s FOV: Horizontal 90°, Vertical 103°
Lateral	Measurement Range: 0.5-25 m Effective Sensing Speed: Flight Speed ≤ 15m/s FOV: Horizontal 90°, Vertical 85°
Upward	Measurement Range: 0.2-10 m Effective Sensing Speed: Flight Speed ≤ 6m/s FOV: Front and Back 100°, Left and Right 90°
Downward	Measurement Range: 0.3-18 m Effective Sensing Speed: Flight Speed ≤ 6m/s FOV: Front and Back 130°, Left and Right 160°
Operating Environment	Forward, Backward, Left, Right, and Upward: Surface with a clear pattern and adequate lighting (lux>15) Downward: Surface with a clear pattern and adequate lighting (lux >15). Diffuse reflective surface with dif reflectivity>20% (e.g. wall, tree, person)

Video Transmission

Video Transmission System	O3+
Live View Quality	Remote Controller: 1080p@30fps/1080p@60fps
Operation Frequency	2.400-2.4835 GHz 5.725-5.850 GHz
Max Transmission Distance (unobstructed, free of interference and aligned with controller)	2.400-2.4835 GHz; 5.725-5.850 GHz FCC: 15 km CE: 8 km SRRC: 8 km MIC: 8 km
Signal Transmission Ranges (FCC)	Strong Interference (urban landscape, limited line of sight, many competing signals): Approx. 1.5-3 km Medium Interference (suburban landscape, open line of sight, some competing signals): Approx. 3-9 km Low Interference (open landscape abundant line of sight, few competing signals): Approx. 9-15 km Data is tested under different standards in open areas free of interference. It only refers to the maximum flight distance without considering Return to Home. Please pay attention to RTH prompts in the DJI Fly ap actual flight.
Max Download Bitrate	O3+: 5.5MB/s (with RC-N1 remote controller) 15MB/s (with DJI RC Pro remote controller) Wi-Fi 6: 80MB/s* * Measured in laboratory environments with little interference in countries/regions that support both 2.4 5.8GHz, and the footage is saved in the built-in SSD or internal storage. Download speed may vary depen conditions.
Latency (depending on environmental conditions and mobile device)	130 ms (with RC-N1 remote controller) 120 ms (with DJI RC Pro remote controller)
Antennas	4 antennas, 2T4R
Transmitter Power (EIRP)	2.4 GHz: ≤33 dBm (FCC); ≤20 dBm (CE/SRRC/MIC) 5.8 GHz: ≤33 dBm (FCC), ≤30 dBm(SRRC), ≤14 dBm(CE)

Battery

Capacity	5000 mAh
Voltage	15.4 V
Charging Voltage Limit	17.6 V
Battery Type	Li-ion 4S
Energy	77 Wh
Weight	335.5 g
Charging Temperature	5° to 40° C (41° to 104° F)

Battery Charger

Input	100-240 V AC, 47-63 Hz, 2.0 A
USB-C Output	USB-C: 5.0 V=5.0 A/9.0 V=5.0 A/12.0 V=5.0 A/15.0 V=4.3 A/20.0 V=3.25 A/5.0~20.0 V=3.25 A
USB-A output	USB-A: 5 V=2 A
Rated Power	65 W

Charging Hub

Input	USB-C: 5-20 V=5.0 A max
Output	Battery: 12-17.6 V=5.0 A max
Rated Power	65 W
Charging Type	Charges three batteries in sequence.
Charging Temperature Range	5° to 40° C (41° to 104° F)

Car Charger

Input	Car Power Input: 12.7-16 V=6.5 A, rated voltage 14 V DC
Output	USB-C: 5.0 V=5.0 A/9.0 V=5.0 A/12.0 V=5.0 A/15.0 V=4.3A/20.0 V=3.25 A/5.0~20.0 V=3.25 A USB-A: 5 V=2 A
Rated Power	65 W
Charging Time	Approx. 96 minutes
Charging Temperature Range	5° to 40° C (41° to 104° F)

Storage

Recommended microSD Cards	Lexar 1066x 64GB V30 A2 microSDXC Lexar 1066x 128GB V30 A2 microSDXC Lexar 1066x 256GB V30 A2 microSDXC
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Lexar 1066x 512GB V30 A2 microSDXC
 SanDisk High Endurance 64GB V30 microSDXC
 SanDisk High Endurance 128GB V30 microSDXC
 SanDisk High Endurance 256GB V30 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 Go! Plus 512GB V30 A2 microSDXC

SSD Specs

Mavic 3: 8 GB (available space is approx. 7.2 GB)
 Mavic 3 Cine: 1 TB (available space is approx. 934.8 GB)

DJI RC-N1 Remote Controller

Remote Controller Transmission System	When used with different aircraft hardware configurations, DJI RC-N1 Remote Controllers will automatically update the corresponding firmware version for updating and support the following transmission technologies enable 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+
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)
Battery Life	Without charging any mobile device: 6 hr; when charging mobile device: 4 hr
Supported USB Port Types	Lightning, Micro USB, USB-C

