## Aircraft

## Take-off Weight: 895g

## Dimensions:

Folder (without propellers): 221 x 96.3 x 90.3mm (LxWxH)

Unfolded (without propellers): 374.5 x 283 x 107.7mm (LxWxH)

## Max Ascent Speed: 8 m/s

## Max Descent Speed: 6 m/s

## Max Horizontal Speed (at Sea level, no wind): 21 m/s (No faster than 19 m/s in EU regions)

## Max Take-off Altitude: 6000m

## Max Flight Time (laboratory environment):

46 minutes
Measured in a controlled test environment. Specific test conditions are as follows: flying at a constant speed of 32.4kph in a windless environment at sea level, with APAS off, AirSense off, camera parameters set to 1080p/24fps, video mode off, and from 100% battery level until 0%. Results may vary depending on the environment, actual use, and firmware version.

## Max Hovering Time (laboratory environment):

40 minutes
Measured in a controlled test environment. Specific test conditions are as follows: hovering in a windless environment at sea level, with APAS off, AirSense off, camera parameters set to 1080p/24fps, video mode off, and from 100% battery level until 0%. Results may vary depending on environment, actual use, and firmware version.

## Max Wind Speed Resistance: 12 m/s

## Operating Temperature: -10° to 40°C (14° to 104° F)

## GNSS: GPS + Galileo + BeiDou

## Internal Storage: 8 GB (approx. 7.2 GB available space)

## Hasselblad Camera

## Image Sensor: 4/3 CMOS, Effective Pixels: 20 MP

## Lens:

FOV: 84°
Format Equivalent: 24 mm
Aperture: f/2.8-f/11
Focus: 1 m to ∞

## ISO Range: Video 100-6400. Photo 100-6400

## Shutter Speed: Electronic Shutter: 8-1/8000 s

## Max Image Size: 5280 x 3956

## Video Resolution:

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
* Recording frame rates. The corresponding video plays as slow-motion video.

## Max Video Bitrate: H.264/H.265: 200Mbps

## Supported File System: exFAT

## Photo Format: JPEG/DNG (RAW)

## Digital Zoom: 3x

## Gimbal

## Stabilisation: 3-axis mechanical gimbal (tilt, roll, and pan)

## Mechanical Range:

Tilt: -135° to 100° <br>

Roll: -45° to 45° <br>

Pan: -27° to 27°

## Controllable Range: Tilt: -90° to 35° <br> Pan: -5° to 5°

## Sensing

## Type: Omnidirectional binocular vision system, supplemented with an infrared sensor at the bottom of the aircraft

## Operating Environment: Forward, Backward, Left, Right, and Upward: <br>surfaces with discernible patterns; adequate lighting (lux >15)
Downward: surfaces with discernible patterns and diffuse reflectivity >20% (e.g. walls, trees, people); adequate lighting (lux >15)

## Video Transmission

## Video Transmission System: O3+

## Live View Quality: Remote Controller: 1080p/30fps, 1080p/60fps

## Max Transmission Distance (unobstructed, free of interference):

CE: 8 km
Measured in an unobstructed outdoor environment free of interference. The above data shows the farthest communication range for one-way, non-return flights under each standard. During your flight, please pay attention to RTH reminders in the DJI Fly app.

## Max Transmission Distance (obstructed):

Strong Interference: urban landscape, approx. 1.5-3 km
Medium Interference: suburban landscape, approx. 3-9 km
Low Interference: suburb/seaside, approx. 9-15 km
Data tested under FCC standard in unobstructed environments with typical interference. Used for reference purposes only and provides no guarantee for actual flight distance.

## Max Down Bitrate:

O3+:
5.5 MB/s (with RC-N1 remote controller)
15 MB/s (with DJI RC Pro)
5.5 MB/s (with DJI RC)
Wi-Fi 6: 80 MB/s*
* Measured in a laboratory environment with little interference in countries/regions that support both 2.4 GHz and 5.8 GHz, with footage saved to the internal storage. Download speeds may vary depending on the actual conditions.

## Battery

### Capacity: 5000 mAh

### Type: LiPo

### Energy: 77 Wh

### Weight: 335.5 g

### Charging Temperate: 5° to 40°C (41° to 104°F)

### Charging Time: Approx. 96 minutes
<sup>Use the included data cable of the DJI 65W Portable Charger.

## Charger

### Input: 100-240 V (AC), 47-63 Hz, 2A

### USB-C Output:

5 V, 5 A
9 V, 5 A
12 V, 5 A
15 V, 4.3 A
20 V, 3.25 A
5-20 V, 3.25 A

### USB-A Output: 5 V, 2 A

### Rated Power: 65 W

## Battery Charging Hub

### Input: USB-C: 5-20 V, max 5A

### Output: Battery Port: 12-17.6 V, max 5 A

## Rated Power:

DJI Mavic 3 Battery Charging Hub: 65 W

DJI Mavic 3 Battery Charging Hub (100W): 100 W

## Charging Type: Three batteries charged in sequence

## Charging Temperature: 5° to 40°C (41° to 104°F)

## Compatibility: Mavic 3 Classic, Mavic 3, Mavic 3 Cine

## Car Charger

## Input: Car Power Input: 12.7 -16 V, 6.5 A, rated voltage 14 V (DC)

## Output:

USB-C:
5 V, 5 A
9 V, 5 A
12 V, 5 A
15 V, 4.3 A
20 V, 3.25 A
5-20 V, 3.25 A
USB-A:
5 V, 2 A

## Rated Power: 65 W

## Charging Temperature: 5° to 40° C (41° to 104° F)

## Storage

### Recommended microSD Cards: Recommended microSD cards for standard bitrate videos:

H.265
5.1K: 5120×2700@24/25/30/48/50fps
DCI 4K: 4096×2160@24/25/30/48/50/60/120fps
4K: 3840×2160@24/25/30/48/50/60/120fps
FHD: 1920×1080@24/25/30/48/50/60/120/200fps
H.264
DCI 4K: 4096×2160@24/25/30/48/50/60fps
4K: 3840×2160@24/25/30/48/50/60fps
FHD: 1920×1080@24/25/30/48/50/60/120/200fps
SanDisk Extreme 32GB V30 A1 microSDHC
SanDisk Extreme PRO 32GB V30 A1 microSDHC
Kingston Canvas Go! Plus 64GB V30 A2 microSDXC
Kingston Canvas Go! Plus 128GB V30 A2 microSDXC
Kingston Canvas React Plus 64GB V90 A1 microSDXC
Kingston Canvas React Plus 128GB V90 A1 microSDXC
Kingston Canvas React Plus 256GB V90 A1 microSDXC
Samsung PRO Plus 256GB V30 A2 microSDXC
Recommended microSD cards for high bitrate videos:
H.264
5.1K: 5120×2700@24/25/30/48/50fps
DCI 4K: 4096×2160@120fps
4K: 3840×2160@120fps
SanDisk Extreme 32GB V30 A1 microSDHC
SanDisk Extreme PRO 32GB V30 A1 microSDHC
Kingston Canvas Go! Plus 64GB V30 A2 microSDXC
Kingston Canvas Go! Plus 128GB V30 A2 microSDXC
Kingston Canvas React Plus 64GB V90 A1 microSDXC
Kingston Canvas React Plus 128GB V90 A1 microSDXC
Kingston Canvas React Plus 256GB V90 A1 microSDXC
Samsung PRO Plus 256GB V30 A2 microSDXC

## DJI RC-N1 Remote Controller

### Operating Time:

Without charging any mobile device: 6 hours
When charging a mobile device: 4 hours

### Max Supported Mobile Device Size: 180 x86 x 10mm (LxWxH)

### Operating Temperature: -10° to 40° C (14° to 104° F)