**Aircraft**

* Dimensions (unfolded, without propellers)
* 810×670×430 mm (L×W×H)
* Dimensions (folded, with propellers)
* 430×420×430 mm (L×W×H)
* Diagonal Wheelbase
* 895 mm
* Weight (with single downward gimbal)
* Without batteries:
Approx. 3.77 kg

With two TB65 batteries:
Approx. 6.47 kg
* Single Gimbal Damper’s Max Payload
* 960 g
* Max Takeoff Weight
* 9.2 kg
* Operating Frequency
* 2.4000-2.4835 GHz
5.150-5.250 GHz (CE: 5.170-5.250 GHz)
5.725-5.850 GHz
* Transmitter Power (EIRP)
* 2.4000-2.4835 GHz:
< 33 dBm (FCC)
< 20 dBm (CE/SRRC/MIC)

5.150-5.250 GHz (CE: 5.170-5.250 GHz):
< 23 dBm (CE)

5.725-5.850 GHz:
< 33 dBm (FCC/SRRC)
< 14 dBm (CE)
* Hovering Accuracy (with moderate or no wind)
* Vertical:
±0.1 m (with vision positioning)
±0.5 m (with GNSS positioning)
±0.1 m (with RTK positioning)

Horizontal:
±0.3 m (with vision positioning)
±1.5 m (with GNSS positioning)
±0.1 m (with RTK positioning)
* RTK Positioning Accuracy (RTK FIX)
* 1 cm + 1 ppm (horizontal)
1.5 cm + 1 ppm (vertical)
* Max Angular Velocity
* Pitch: 300°/s
Yaw: 100°/s
* Max Pitch Angle
* 30°
* Max Ascent Speed
* 6 m/s
* Max Descent Speed (vertical)
* 5 m/s
* Max Tilted Descent Speed
* 7 m/s
* Max Horizontal Speed
* 23 m/s
* Max Flight Altitude
* 5000 m
* Max Wind Speed Resistance
* 12 m/s
* Max Flight Time
* 55 minutes
* Supported DJI Gimbals
* Zenmuse H20, Zenmuse H20T, Zenmuse H20N, Zenmuse P1, and Zenmuse L1
* Third-Party Payload
* Supports only certified payloads developed based on DJI Payload SDK.
* Supported Gimbal Configurations
* Single downward gimbal
Single upward gimbal
Dual downward gimbals
Single downward gimbal + single upward gimbal
Dual downward gimbals + single upward gimbal
* Ingress Protection Rating
* IP55
The IP rating is not permanently effective and may decrease due to product wear and tear.
* Global Navigation Satellite System
* GPS + GLONASS + BeiDou + Galileo
* Operating Temperature
* -20° to 50° C (-4° to 122° F)

**Remote Controller**

* Screen
* 7.02-inch LCD touchscreen; resolution: 1920×1200; max brightness: 1200 nits
* Weight
* Approx. 1.25 kg (without WB37 battery)
Approx. 1.42 kg (with WB37 battery)
* Global Navigation Satellite System
* GPS + Galileo + BeiDou
* Built-in Battery
* Type: Li-ion (6500 mAh@7.2 V)
Charging Type: Use the battery station or USB-C fast charger with a max power of 65 W (max voltage of 20 V).
Charging Time: 2 hours
Chemical System: LiNiCoAlO2
* External Battery (WB37 Intelligent Battery)
* Capacity: 4920 mAh
Voltage: 7.6 V
Type: Li-ion
Energy: 37.39 Wh
Chemical System: LiCoO2
* Ingress Protection Rating
* IP54
* Operating Time
* Built-in Battery: approx. 3.3 hours
Built-in Battery + External Battery: approx. 6 hours
* Operating Temperature
* -20° to 50° C (-4° to 122° F)
* Operating Frequency
* 2.4000-2.4835 GHz
5.725-5.850 GHz
* Transmitter Power (EIRP)
* 2.4000-2.4835 GHz:
< 33 dBm (FCC)
< 20 dBm (CE/SRRC/MIC)

5.725-5.850 GHz:
< 33 dBm (FCC)
< 14 dBm (CE)
< 23 dBm (SRRC)
* Wi-Fi Protocol
* Wi-Fi 6
* Wi-Fi Operating Frequency
* 2.4000-2.4835 GHz
5.150-5.250 GHz
5.725-5.850 GHz
* Bluetooth Protocol
* Bluetooth 5.1
* Bluetooth Operating Frequency
* 2.4000-2.4835 GHz

**Video Transmission**

* Video Transmission System
* DJI O3 Enterprise Transmission
* Antenna
* 4 video transmission antennas, 2T4R
* Max Transmission Distance (unobstructed, free of interference)
* 20 km (FCC)
8 km (CE/SRRC/MIC)
* Max Transmission Distance (with interference)
* Low Interference and Obstructed by Buildings: approx. 0-0.5 km
Low Interference and Obstructed by Trees: approx. 0.5-3 km
Strong Interference and Unobstructed: urban landscape, approx. 1.5-3 km
Medium Interference and Unobstructed: suburban landscape, approx. 3-9 km
Low Interference and Unobstructed: suburb/seaside, approx. 9-20 km

**Vision System**

* Obstacle Sensing Range
* Forward/Backward/Left/Right: 0.7-40 m
Upward/Downward: 0.6-30 m
* FOV
* Forward/Backward/Downward: 65° (horizontal), 50° (vertical)
Left/Right/Upward: 75° (horizontal), 60° (vertical)
* Operating Environment
* Surfaces with discernible patterns and adequate lighting (lux > 15)

**Infrared Sensing System**

* Obstacle Sensing Range
* 0.1-8 m
* FOV
* 30° (±15°)
* Operating Environment
* Large, diffuse, and reflective obstacles (reflectivity > 10%)

**LED Auxiliary Light**

* Effective Illumination Distance
* 5 m
* Illumination Type
* 60 Hz, solid glow

**FPV Camera**

* Resolution
* 1080p
* FOV
* 142°
* Frame Rate
* 30fps