

DJI Matrice 600 Hexacopter



Rating: 4.0

Price:

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 2,299.00

Discount:



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Manufacturer: [Dji](#)

Description

Product Highlights

- Works with Zenmuse Gimbals / Cameras
- Works with Ronin-MX Gimbal
- Up to 33 Pound Total Take-Off Weight
- Integrated Lightbridge 2 Support
- Full HD 1080p Live Monitoring
- DJI A3 Flight Control System
- Controllable with DJI Go App
- Retractable Landing Gear
- Collapsible Design for Easy Transport
- Powers from Six Flight Batteries

Performance

Maximum Speed

Horizontal (No Wind): 59.1 ft/s / (18 m/s)

Ascent: 16.4 ft/s (5 m/s)

Descent: 9.8 ft/s (3 m/s)

26.2 ft/s (8 m/s)

Maximum Wind Resistance

Above Sea Level: 8202.1' / 2500 m

Maximum Altitude

Hovering Accuracy

P-Mode with GPS:

Vertical: ±1.6' / 0.5 m

Horizontal: ±4.9' / 1.5 m

Pitch: 300°/s

Yaw: 150°/s

25°

Maximum Angular Velocity

Maximum Pitch Angle

Hovering Time

Six TB47S Batteries:

No payload: 35 minutes

13.2 lb / 6 kg Payload: 16 minutes

Six TB48S Batteries:

No payload: 40 minutes

12.1 lb / 5.5 kg payload: 18 minutes

Note: Hovering time is based on flying at 32.8' / 10 m above sea level in a no-wind environment and landing with 10% battery level.

Up to 33.2 lb / 15.1 kg

Takeoff Weight

Flight Control System

Model

A3

Transmitter

Frequency

5.725 to 5.825 GHz

2.400 to 2.483 GHz

3.1 miles / 5 km

Communication Distance

13 dBm at 5.8 G

Transmitter Power

20 dBm at 2.4 G

Connectivity

1 x HDMI

1 x SDI

1 x USB

Dual User Capability

Master-and-slave control

Output Power

9 W

Operating Temperature

14 to 104°F / -10 to 40°C

Battery

Type: Built-in

Chemistry: Lithium-ion polymer (LiPo)

Capacity: 6000 mAh

Configuration: 2S

Storage Temperature

< 3 Months: -4 to 113°F / -20 to 45°C

> 3 Months: 72 to 82°F / 22 to 28°C

Charging Temperature

32 to 104°F / 0 to 40°C

Mobile Device Holder

Supports smartphones and tablets

Maximum Tablet Width: 6.7" / 170 mm

Gimbal

Supported Gimbals

Zenmuse X Series: X3, X5 & X5R, XT

Ronin Series: Ronin-MX

Z15 HD Series: Z15-A7, Z15-BMPCC, Z15-5D III, Z15-GH4

Flight Battery

Model

TB47S

Chemistry

Lithium-ion polymer (LiPo)

Capacity

4500 mAh

Drone : DJI Matrice 600 Hexacopter

Configuration	99.9 Wh
Weight	6S
Maximum Charging Power	1.3 lb / 595 g
Operating Temperature	180 W
Charging Temperature	14 to 104°F / -10 to 40°C
Storage Temperature	41 to 104°F / 5 to 40°C
	< 3 Months: -4 to 113°F / -20 to 45°C
	> 3 Months: 72 to 82°F / 22 to 28°C
Charger	Model:A14-100P1A
	Voltage Output: 26.3 V
	Power Rating: 100 W
Motor	
Model	DJI 6010
Propeller	
Model	DJI 2170
General	
Operating Temperature	14 to 104°F / -10 to 40°C
Diagonal Wheelbase	44.6" / 1133 mm
Dimensions	Propellers, Frame Arms, and GPS Mount Unfolded: 65.7 x 59.8 x 29.9"
	/ 1668 x 1518 x 759 mm
	Frame Arms and GPS Mount Folded: 25.2 x 22.9 x 24.5" / 640 x 582 x
	623 mm
Weight	Six TB47S Batteries: 20 lb / 9.1 kg
	Six TB48S Batteries: 21.1 lb / 9.6 kg
Packaging Info	
Package Weight	38.0 lb
Box Dimensions (LxWxH)	25.0 x 21.0 x 13.0"