DJI Matrice 100 Quadcopter















Rating: 5.0
Price:
Variant price modifier:

Price with discount:

Salesprice with discount:

USD 1,649.00

Discount:

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Manufacturer: Dji

Description

Product Highlights

• Customizable Aerial Platform
• Universal Power and Communication Ports
• Includes Controller and Flight Battery
• Dual Battery Compartments
• Includes Two Expansion Bays
• Adjustable Arm Angle
• Foldable GPS Mast
• Compatible with DJP Pilot Mobile App
• Works with Zenmuse X3 Camera/Gimbal
• DJI SDK for Custom Development

Performance	
Take-Off Weight	Up to 7.5 lb / 3.4 kg
Hovering Accuracy (GPS Mode)	Vertical: 1.6' / 0.5 m Horizontal: 8.2' / 2.5 m
Maximum Angular Velocity	Pitch: 300°/s Yaw: 150°/s
Maximum Tilt Angle	35°
Maximum Ascent/Descent Speed	Ascent: 16.4 fps / 5 m/s Descent: 13.1 fps / 4 m/s
Maximum Speed	72.2 fps / 22 m/s (ATTI mode, no payload, no wind) 55.8 fps / 17 m/s (GPS mode, no payload, no wind)
Maximum Wind Speed Resistance	32.8 fps / 10 m/s
Hovering Time	**TB47D Battery:** No Payload: 22 minutes 1.1 lb / 500 g Payload: 17 minutes 2.2 lb / 1 kg Payload: 13 minutes **TB48D Battery:** No Payload: 28 minutes 1.1 lb / 500 g Payload: 20 minutes 2.2 lb / 1 kg Payload: 16 minutes **Two TB47D Batteries; No payload:** 33 min **Two TB48D Batteries; No payload:** 40 min **TB47D Battery and Zenmuse X3:** 19 min **TB48D Battery and Zenmuse X3:** 23 min
Camera	
Model	Works with Zenmuse X3 (available separately)
Flight Controller	
Model	N1
Motor	
Model	DJI 3510
Electronic Speed Control (ESC)	
Model	DJI E SERIES 620D
Propeller	
Model	DJI 1345s
Transmitter	
Model	C1
Operating Frequency	Control: 5.725 to 5.825 GHz Lightbridge: 2.400 to 2.483 GHz
Range	Up to 6561.7' / 2000 m line-of-sight
EIRP	10 dBm at 900 MHz 13 dBm at 5.8 GHz 20 dBm at 2.4 GHz
Connectivity	1 x USB type A female (mobile device connection) 1 x Mini-HDMI 1 x Micro-USB (reserved for future use) 1 x CAN-Bus (reserved for future use)
Dual User Capability	Master-and-slave control
Power Requirements	Built-in battery
Battery	6000 mAh LiPo 2S
Charging Temperature	32 to 104°F / 0 to 40°C
Storage Temperature	Less Than 3 Months: -4 to 113°F / -20 to 45°C More Than 3 Months: 72 to 82°F / 22 to 28°C

Mobile Device Holder	Supports smartphones and tablets Maximum Mobile Device Width: 6.7" / 170 mm
Flight Battery	
Model	TB47D (included)
Configuration	6S
Chemistry	Lithium-polymer (LiPo)
Voltage	22.2 VDC
Capacity	4500 mAh 99.9 Wh
Maximum Charging Power	180 W
Operating Temperature	14 to 104°F / -10 to 40°C
Storage Temperature	Less Than 3 Months: -4 to 113°F / -20 to 45°C More Than 3 Months: 72 to 82°F / 22 to 28°C
Charging Temperature	32 to 104°F / 0 to 40°C
Weight	1.3 lb / 600 g
Charger	
Model	A14-100P1A
Voltage	26.3 VDC
Output Power	100 W
Mobile App	
System Requirements	Android 4.1.2 or above
Mobile Device Requirements	**Recommended Mobile Devices:** Samsung Galaxy Note3 QCOM, N9005, N9006 Samsung Galaxy Note3 Exynos, N900 Samsung Galaxy S4 Samsung Galaxy Mega Optimus G Pro LG Electronics LG Electronics G2 Sony Xperia Z (L36h) Sony Xperia Z Ultra (XL36h) Samsung Galaxy Tab Pro 10.1" Samsung Galaxy Tab Pro 8.4" Samsung Galaxy Note 10.1" Google Nexus 7 32 Gb LTE Google Nexus 7 16 Gb Wifi LG 8.1" Tablet
General	
Operating Temperature	14 to 104°F / -10 to 40°C
Dimensions	Diagonal Wheelbase: 25.6" / 650 mm
Weight	With TB47D Battery: 5.2 lb / 2.4 kg With TB48D Battery: 5.3 lb / 2.4 kg Expansion Bay Weight: 1.6 oz / 45 g Battery Compartment Weight: 5.6 oz / 160 g
Packaging Info	
Package Weight	11.6 lb
Box Dimensions (LxWxH)	14.0 x 10.0 x 10.0"