

DJI Phantom 3 Advanced with 2.7K Camera and Battery Bundle with Backpack



Rating: 5.0

Price:

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 599.00

Discount:



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Manufacturer: [Dji](#)

Description

DJI Phantom 3 Advanced Quadcopter with 2.7K Camera and 3-Axis Gimbal

Performance

Maximum Speed

Hover Accuracy

Ascent: 16.4' fps / 5 m/s
Descent: 9.8' / 3 m
Vertical: ±3.9" / 10 cm

Maximum Altitude	Horizontal: ±3.3' / 1 m
Flight Time	Above Sea Level: 19,685' / 6000 m
Flight Control System	23 minutes (depending on conditions)
GPS Mode	GPS / GLONASS
Vision Positioning	Frequency: 50 Hz
	Velocity Range: Below 26.2 fps / 8 m/s (6.6' / 2 m above the ground)
	Altitude Range: 11.8" to 118.1" / 30 cm to 300 cm
	Operating Range: 11.8" to 118.1" / 30 cm to 300 cm
	Operating Environment: Surface with clear pattern and adequate lighting (> 15 lux)
Transmitter	
Frequency	2.400 to 2.483 GHz
Communication Distance	Up to 3.1 miles / 5 km (outdoors and unobstructed)
Receiver Sensitivity	1%PER: 101 dBm ±2 dBm
Transmitter Power	EIRP: 20 dBm
Working Current	1.2 A at 7.4 V
Connectivity	1 x USB type A female for mobile device interface 1 x Micro-USB female for firmware updates / assistant software 1 x Charge port
Lightbridge Support	Yes; compatible iOS or Android mobile device with USB required
Mobile Device Holder	Compatibility: Tablet or smartphone
Operating Temperature	32 to 104°F / 0 to 40°C
Camera	
Sensor	Make: Sony EXMOR
	Size: 1/2.3"
	Resolution: 12.76 MP (12.4 MP effective)
Lens	Aperture: f/2.8
	FOV: 94°
	Focal Length: 20 mm (35 mm equivalent)
	Elements: 9
	Focus: 0 to ∞
Photo Resolution	Up to 12 MP (4000 x 3000)
ISO Range	Video: 100 to 3200
	Photo: 100 to 1600
Video Resolutions	2.7K (2704 x 1520): 30p, 25p, 24p 1080p (1920 x 1080): 24p, 25p, 30p, 48p, 50p, 60p 720p (1280 x 720): 24p, 25p, 30p, 48p, 50p, 60p
Photo Modes	Single Shot Burst Shooting: 3/5/7 shots Auto Exposure Bracketing (AEB): 3/5 Bracketed Frames at 0.7 EV Bias Time-lapse
File Formats	Video: MPEG-4 AVC/H.264 in MOV wrapper (up to 60 Mbps) Photo: JPEG, DNG RAW
Recording Media	Type: microSD/SDXC card up to 64 GB Format: FAT32 / exFAT
Operating Temperature	Note: Class 10, UHS-1 or faster card required 32 to 104°F / 0 to 40°C
Gimbal	
Number of Axes	3-axis (pitch, roll, yaw)
Control Range	-90° to +30°
Motor	
Type	Brushless
Recommended Takeoff Weight	10.6 oz / 300 g per axis
Maximum Tension	1.8 lb / 800 g per axis
Stator Size	0.9 x 0.5" / 23 x 12 mm
Motor Velocity Constant	KV: 960 rpm/V
Working Temperature	23 to 104°F / -5 to 40°C
Weight	1.9 oz / 55 g
Flight Battery	
Chemistry	Lithium-polymer
Capacity	4480 mAh 68 Wh
Configuration	4S
Voltage	15.2 VDC
Weight	12.9 oz / 365 g

Maximum Charging Power	100 W
Operating Temperature	32 to 104°F / 0 to 40°C
Charger	Voltage: 17.4 VDC 57 W

Mobile App	
Name	DJI Pilot
System	OS: iOS 8.0 or later; Android 4.1.2 or later
Requirements	

Recommended

Devices:

Apple (iOS):

iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air (Wi-Fi and cellular versions), iPad mini 2 (Wi-Fi and cellular versions), iPad Air 2 (Wi-Fi and cellular versions), iPad mini 3 (Wi-Fi and cellular versions)

(Note: Optimized for iPhone 5s, iPhone 6, and iPhone 6 Plus)

Samsung

(Android): Galaxy Tab SM-T705C, Galaxy S6, Galaxy Galaxy S5, Galaxy Note4, Note3

Other (Android):

Google Nexus 9, Google Nexus 7 II, Ascend Mate7, Huawei P8 Max, Nubia Z7 mini, Sony Xperia Z3, MI 3, MI PAD, Smartisan T1

Note: Additional devices may be compatible but have not yet been tested

General	
Operating Temperature	32 to 104°F / 0 to 40°C
Dimensions	Diagonal (Including Propellers): 23.2" / 590 mm
Weight	Including Battery and Propellers: 2.8 lb / 1.3 kg
Packaging Info	
Box Dimensions (LxWxH)	15.6 x 14.3 x 8.5"