

# DRONES Pricing

## 1. DJI Mavic 2 Pro



DJI Mavic 2 Pro

<b>Lens</b>	FOV: about 77° 35 mm Format Equivalent: 28 mm Aperture: f/2.8-f/11 Shooting Range: 1 m to ∞
<b>ISO Range</b>	Video: 100-6400 Photo: 100-3200 (auto) 100-12800 (manual)
<b>Shutter Speed</b>	Electronic Shutter: 8-1/8000s
<b>Still Image Size</b>	5472×3648
<b>Still Photography Modes</b>	Single shot Burst shooting: 3/5 frames Auto Exposure Bracketing (AEB): 3/5 bracketed frames at 0.7 EV Bias Interval (JPEG: 2/3/5/7/10/15/20/30/60s RAW:5/7/10/15/20/30/60s)
<b>Video Resolution</b>	4K: 3840×2160 24/25/30p 2.7K: 2688×1512 24/25/30/48/50/60p FHD: 1920×1080 24/25/30/48/50/60/120p

Max Video Bitrate	100Mbps
Color Mode	Dlog-M (10bit), support HDR video (HLG 10bit)
Supported File System	FAT32 ( $\leq$ 32 GB) exFAT ( $>$ 32 GB)
Photo Format	JPEG / DNG (RAW)
Video Format	MP4 / MOV (MPEG-4 AVC/H.264, HEVC/H.265)

The price of this Drone is USD 1,499.

## 2. Parrot Anafi



## DRONE

- Size folded: 244x67x65mm
- Size unfolded: 175x240x65mm
- Weight: 320g
- Max transmission range: 4km with controller
- Max flight time: 25 min
- Max horizontal speed: 15.3m/s (55km/h)
- Max vertical speed: 4m/s
- Max wind resistance: 50km/h
- Service ceiling: 4500m above sea level
- Operating Temperature range: -10°C to 40°C
- Satellite Positioning Systems: GPS & GLONASS

Sensor	1/2.4" CMOS
Lens	ASPH (Low-dispersion aspherical lens) Aperture: f/2.4 Focal length (35mm format equivalent): 23-69mm (photo), 26-78mm (video) Depth of field: 1.5m - ∞
ISO range	100-3200
Shutter Speed	electronic shutter 1 to 1/10000s
Video Resolution	4K Cinema 4096×2160 24fps 4K UHD 3840×2160 24/25/30fps FHD 1920×1080 24/25/30/48/50/60fps Video HFOV: 69° Max video bitrate: 100 Mbps Video format: MP4 (H264)
Photo Resolution	Wide: 21MP (5344×4016) / 4:3 / 84° HFOV Rectilinear: 16MP (4608×3456) / 4:3 / 75.5° HFOV Photo formats: JPEG, Adobe DNG (RAW) HDR: 4K UHD video
Digital Zoom	Lossless: up to 2.8x (FHD) & 1.4x (4K) Standard: up to 3x (4K Cinema, 4K UHD, FHD)
Image stabilization	Stabilization: 3-axis hybrid Mechanical: 2-axis Roll/Tilt angles Electronic (EIS): 3-axis Roll/Pan/Tilt angles Controllable tilt range: - 90° to +90° (180° total)

Price of this Drone is USD 699.99.

### 3. DJI Phantom 4



Sensor	1/2.3" CMOS Effective pixels:12.4 M
Lens	FOV 94° 20 mm (35 mm format equivalent) f/2.8 focus at ∞
ISO Range	100-3200 (video)100-1600 (photo)
Electronic Shutter Speed	8 – 1/8000 s
Image Size	4000×3000
Still Photography Modes	Single shot Burst shooting: 3/5/7 frames Auto Exposure Bracketing (AEB): 3/5 bracketed frames at 0.7 EV Bias Timelapse HDR
Video Recording Modes	UHD: 4096×2160 (4K) 24 / 25p 3840×2160 (4K) 24 / 25 / 30p 2704×1520 (2.7K) 24 / 25 / 30p FHD: 1920×1080 24 / 25 / 30 / 48 / 50 / 60 / 120p HD: 1280×720 24 / 25 / 30 / 48 / 50 / 60p
Max Video Bitrate	60 Mbps
Supported File Systems	FAT32 (≤32 GB); exFAT (>32 GB)
Photo	JPEG, DNG (RAW)
Video	MP4, MOV (MPEG-4 AVC/H.264)
Supported SD Cards	Micro SD Max capacity: 64 GB Class 10 or UHS-1 rating required
Operating Temperature Range	32° to 104°F (0° to 40°C)

Price of this Drone is USD 1499

#### 4. DJI Mavic Air.

This product is considered to be one of the best available drones in India.



## REMOTE CONTROL

Operating Frequency	5.8 GHz
Max Operating Distance	13120 ft

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## RC VEHICLE

Flash Memory	8 GB
Take-Off Weight	0.95 lbs
Vertical Hovering Accuracy	+/- 0.33 feet
Horizontal Hovering Accuracy	+/- 0.33 feet
Max Angular Velocity	250° per second
Max Tilt Angle	35°

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Navigation	GPS/GLONASS receiver
Interface	Wi-Fi
Max Ascent Speed	4 meters per second
Wi-Fi Bands	2.4 GHz, 5.8 GHz
Max Descent Speed	3 meters per second
Max Wind Speed Resistance	38 kilometers per hour
Max Service Ceiling	5000 m
Obstacle Avoidance System	Yes

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## GIMBAL

Control Angle Range	-90 to 17°
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## CARD READER

Supported Flash Memory Cards	microSD Class 10 or UHS-I
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**LENS SYSTEM**

Max View Angle 85 degrees

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**DIGITAL CAMERA**

Camera included

Sensor Resolution 12 megapixels

Image Sensor Type CMOS

Capture Formats MOV (MPEG-4 AVC/H.264), MP4 (MPEG-4 AVC/H.264)

Still Image Formats DNG, JPEG

Video Recorder Resolutions 1280 x 720 (720p), 1920 x 1080 (1080p), 2720x1530, 3840 x 2160 (2160p)

Frame Rate 30 frames per second

Still Image Resolutions 4056 x 2280, 4056 x 3040

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**BATTERY**

Supported Battery Configurations 3S

Rechargeable Battery rechargeable

Technology lithium cobalt oxide

Voltage Provided 11.55 V

Capacity 2375 mAh

Run Time (Up To) 21 min

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**MISCELLANEOUS**

Color arctic white

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**DIMENSIONS & WEIGHT**

Width 7.2 in

Depth 6.6 in

Height 2.5 in



Weight 15.17 oz

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**DIMENSIONS & WEIGHT DETAILS**

Details battery, folded

## Comparisons between some Drones.

	 DJI Mavic Pro	 DJI Mavic Air
<b>Weight</b>	734g (incl battery & propellers)	430g (takeoff weight)
<b>Diagonal Size (Propellers Excl)</b>	335 mm	213 mm
<b>Max Ascent Speed</b>	S-mode: 5m/s (16.4 ft/s)	S-mode: 4 m/s P/Wi-Fi-mode: 2m/s
<b>Max Descent Speed</b>	3 m/s (9.8 ft/s)	S-mode: 3 m/s P-mode 1.5 m/s Wi-Fi: 1 m/s
<b>Max Speed</b>	40 mph (65 kph) in sport mode without wind.	Sport mode: 58mph/94kph
<b>Max Flight Time</b>	27 minutes	21 minutes (no wind)
<b>Camera Lens</b>	FOV 78.8° 26mm (35mm format equivalent) f/2.2 Distortion <1.5% Focus from 0.5m to ∞	FOV: 85° 35 mm Format Equivalent: 24 mm Aperture: f/2.8 Shooting Range: 0.5 m to ∞

	Parrot Anafi	DJI Mavic Air
<b>Price</b>	\$699	\$799
<b>Sensor</b>	1/2.4" CMOS 21mp	1/2.3" CMOS 12mp
<b>Focal (35mm) &amp; Aperture</b>	23mm at f/2.4	24mm at f/2.8
<b>Weight</b>	11.3oz / 374g	15.2oz / 430 g
<b>Size</b>	Folded: 244x66x63.5 mm Unfolded: 175x239x63.5 mm	Folded: 168x83x49 mm Unfolded: 168x184x64 mm
<b>Sensors</b>	GPS & GLONASS Downward sensor	GPS & GLONASS Downward sensor Anti-collision back & front sensors
<b>Effective Battery Time</b>	25 minutes	16 minutes
<b>Radio Link &amp; Advertised Range</b>	Wi-Fi: 2.4 GHz & 5.8 GHz	Wi-Fi: 2.4 GHz & 5.8 GHz
<b>Stabilization</b>	3 axis (mechanical roll and tilt, electronic for yaw)	3 axis mechanical
<b>Video Modes</b>	4K DCI at 24fps 4K UHD at 24/25/30fps FHD at 24/25/30/48/50/60fps	4K UHD at 24/25/30p 2.7K at 24/25/30/48/50/60p FHD at 24/25/30/48/50/60/120p
<b>Max Bitrate</b>	100mbps	100mbps
<b>Pictures Mode</b>	4:3 Wide: 21mp (5344x4016) 4:3 Rectilinear: 16MP (4608x3456) JPEG & DNG	4:3 Rectilinear: 12mp (4056x3040) 16:9 Rectilinear: 9mp (4056x2280) JPEG & DNG
<b>Maximum Speed</b>	33mph / 53 kph	17.9 mph / 28.8 kph (Normal mode) 42.5 mph / 68.4 kph (Sport mode)