

DJI DRONE COMPARISON CHART

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	PHANTOM 4 PRO V.2.0	MAVIC 3	MAVIC 2 PRO	MAVIC 2 ZOOM	MAVIC AIR 2	MAVIC AIR 2S	MINI 3 PRO	DJI MINI 2	MAVIC MINI	MAVIC AIR	MAVIC PRO PLATINUM
Release Date	May 2018 (Jan 2020 relaunch)	November 2021	August 2018	August 2018	April 2020	April 2021	May 2022	November 2020	October 2019	January 2018	August 2017
App	DJI Go 4	DJI Fly	DJI Go 4	DJI Go 4	DJI Fly	DJI Fly	DJI Fly	DJI Fly	DJI Fly	DJI Go 4	DJI Go 4
Weight	1375g	895g Standard (899g Cine)	907g	905g	570g	595g	249g	249g	249g	430g	734g
Battery Capacity	5870 mAh	5000 mAh	3850 mAh	3850 mAh	3500 mAh	3500 mAh	2453 mAh	2250 mAh	2400 mAh	2375 mAh	3830 mAh
Max Flight Time (Without Wind)	30 minutes	46 minutes	31 minutes	31 minutes	34 minutes	31 minutes	34 minutes	31 minutes	30 minutes	21 minutes	30 minutes
Max Wind Speed Resistance (m/s)	10 m/s	12 m/s	10.5 m/s	10.5 m/s	10.5 m/s	10.7 m/s	10.7 m/s	10.5 m/s	8 m/s	10.5 m/s	-
Max Flight Speed - Sport (kph)	72 kph	75.6 kph (68.4 kph in EU)	72 kph	72 kph	68.4 kph	68.4 kph	57.6 kph	57.6 kph	46.8 kph	68.4 kph	65 kph
Max Horizontal Speed - Sport (m/s)	20 m/s	21 m/s (19 m/s in EU)	20 m/s	20 m/s	19 m/s	16 m/s	16 m/s	16 m/s	13 m/s	19 m/s	18 m/s
Max Horizontal Speed - Normal (m/s)	14 m/s	15 m/s	15 m/s	15 m/s	12 m/s	15 m/s	10 m/s	10 m/s	8 m/s	8 m/s	-
Max Ascent Speed - Sport (m/s)	6 m/s	8 m/s	5 m/s	5 m/s	4 m/s	6 m/s	5 m/s	5 m/s	4 m/s	4 m/s	5 m/s
Max Ascent Speed - Normal (m/s)	5 m/s	6 m/s	4 m/s	4 m/s	4 m/s	6 m/s	3 m/s	3 m/s	2 m/s	2 m/s	-
Max Descent Speed - Sport (m/s)	4 m/s	6 m/s	3 m/s	3 m/s	3 m/s	6 m/s	5 m/s	3.5 m/s	3 m/s	3 m/s	3 m/s
Max Descent Speed - Normal (m/s)	3 m/s	6 m/s	3 m/s	3 m/s	3 m/s	6 m/s	3 m/s	3 m/s	1.8 m/s	1.5 m/s	-
Transmission System	OcuSync 2.0	DJI O3+	OcuSync 2.0	OcuSync 2.0	OcuSync 2.0	DJI O3	DJI O3	OcuSync 2.0	Enhanced Wi-Fi	Enhanced Wi-Fi	OcuSync 1.0
Max Transmission Distance	7 km	15 km	8 km	8 km	10 km	12 km	12 km	10 km	4 km	4 km	7 km
Max Live View Quality	720p 30 fps	1080p 60 fps	720p 30 fps	720p 30 fps	1080p 30 fps	1080p 30 fps	1080p 30 fps	720p 30 fps	720p 30 fps	720p 30 fps	1080p 30 fps
Gimbal Controllable Tilt Range	-90° to 30°	-90° to 35°	-90° to 30°	-90° to 30°	-90° to 24°	-90° to 24°	-90° to 60°	-90° to 20°	-90° to 20°	-90° to 17°	-90° to 30°
Vertical Gimbal Orientation	No	No	No	No	No	No	Yes	No	No	No	Yes
Primary Camera											
Sensor	1" CMOS, 20MP	4/3 CMOS, 20MP	1" CMOS, 20MP	1/2.3" CMOS, 12MP	1/2", 12MP/48MP	1" CMOS, 20MP	1/1.3" CMOS, 12/48MP	1/2.3" CMOS, 12MP	1/2.3" CMOS, 12MP	1/2.3" CMOS, 12MP	1/2.3" CMOS, 12MP
Field of View	24mm	24mm	28 mm (and 40mm on HQ FOV)	24 - 48 mm	24 mm	22 mm	24 mm	24 mm	24 mm	24 mm	26mm
Aperture	f/2.8 - f/11	f/2.8 - f/11	f/2.8 - f/11	f/2.8 (24mm) - f/3.8 (48mm)	f/2.8	f/2.8	f/1.7	f/2.8	f/2.8	f/2.8	f/2.2
RAW Photography	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Max Photo Resolution	20MP	20MP	20MP	12MP	12MP / 48MP	20MP	12MP / 48MP	12MP	12MP	12MP	12MP
Codec	H.264/H.265	H.264/H.265	H.264/H.265	H.264/H.265	H.264/H.265	H.264/H.265	H.264/H.265	H.264	H.264	H.264	H.264
10-bit Video	No	Yes	Yes	No	No	Yes	Yes	No	No	No	No
Video Bitrate	100 Mbps	200 Mbps (H.264) 140 Mbps (H.265)	100 Mbps	100 Mbps	120Mbps	150Mbps	150Mbps	100 Mbps	40 Mbps	100 Mbps	60 Mbps
Max Video Resolution	4K @ 60fps	5.12K @ 50fps	4K @ 30fps	4K @ 30fps	4K @ 60fps	5.4K @ 30fps	4K @ 60fps	4K @ 30fps	2.7K @ 30fps	4K @ 30fps	4K @ 30fps
4K Frame Rates	24/25/30/48/50/60	24/25/30/48/50/60/120	24/25/30	24/25/30	24/25/30/48/50/60	24/25/30/48/50/60	24/25/30/48/50/60	24/25/30	2.7K at 24/25/30 fps	24/25/30	24/25/30
1080p Frame Rates	24/25/30/48/50/60/120	24/25/30/48/50/60/120/200	24/25/30/48/50/60/120	24/25/30/48/50/60/120	24/25/30/48/50/60/120/240	24/25/30/48/50/60/120	24/25/30/48/50/60/120	24/25/30/50/60	25/30/50/60	24/25/30/48/50/60/120	24/25/30/48/50/60/120
Colour Profile	Normal, D-Log M, D-Cinelike	Normal, D-Log M (no D-Cinelike)	Normal, D-Log M (no D-Cinelike)	Normal, D-Cinelike	Normal, D-Cinelike	Normal, D-Log	Normal, D-Cinelike	Normal	Normal	Normal, D-Cinelike	Normal, D-Cinelike, D-Log
HDR Video	No	No	No	No	Yes	Yes	Yes	No	No	No	No
Secondary Camera											
Sensor	-	1/2" CMOS	-	-	-	-	-	-	-	-	-
Field of View	-	24mm & 162mm	-	-	-	-	-	-	-	-	-
Aperture	-	f/4.4	-	-	-	-	-	-	-	-	-
RAW Photography	-	No - JPEG ONLY	-	-	-	-	-	-	-	-	-
Max Photo Resolution	-	12MP	-	-	-	-	-	-	-	-	-
Codec	-	H.264/265	-	-	-	-	-	-	-	-	-
10-bit Video	-	No	-	-	-	-	-	-	-	-	-
Max Video Resolution	-	4K @ 30 fps	-	-	-	-	-	-	-	-	-
Additional Features											
Intelligent Flight Modes	Active Track, POI, Waypoint, TapFly, Gesture, Draw	Active Track 5.0 (inc. POI and Spotlight)	Active Track 2.0 Waypoint, TapFly	Active Track 2.0 Waypoint, TapFly	Active Track 3.0 (inc. POI and Spotlight)	Active Track 4.0 (inc. POI and Spotlight)	Active Track 4.0 (inc. POI and Spotlight)	No	No	Active Track, POI, TapFly	Active Track, POI TapFly, Waypoint
Mastershots	No	Yes	No	No	No	Yes	Yes	No	No	No	No
Quickshots	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hyperlapse	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
Obstacle Avoidance	Front, Back, Down, Side	Omnidirectional	Front, Back, Down, Up, Side	Front, Back, Down, Up, Side	Front, Back, Down	Front, Back, Up, Down	Front, Back, Down	Down	Down	Front, Back, Down	Front, Down
Internal Storage	n/a	8GB	8GB	8GB	8GB	8GB	1.2GB	n/a	n/a	8GB	n/a