Group_title	spec_key	spec_value
Aircraft	Takeoff Weight	Approx. 1063 g ^{Product weight may vary due to differences in batch materials and other factors.}
Aircraft	Dimensions	Folded (with propellers): 257.6×124.8×106.6 mm (L×W×H) Folded (without propellers): 257.6×124.8×103.4 mm (L×W×H) Unfolded (without propellers): 328.7×390.5×135.2 mm (L×W×H)
Aircraft	Max Ascent Speed	10 m/s (Sport Mode) 6 m/s (Normal Mode) 6 m/s (Cine Mode)
Aircraft	Max Descent Speed	10 m/s (Sport Mode) 6 m/s (Normal Mode) 6 m/s (Cine Mode)
Aircraft	Max Horizontal Speed	At sea level, in windless conditions: 25 m/s* (Sport Mode) 15 m/s (tracking status) At sea level, with 2 m/s tailwind, while flying in the same direction as the wind: 27 m/s* (Sport Mode) 15 m/s (tracking status) ^{* Measured in a wind tunnel test environment with the aircraft taking off from an altitude of 0 m and ascending vertically by 1.5 m in Sport mode. Data is for reference only. Always pay attention to reminders on the camera view during your flight.}
Aircraft	Max Takeoff Altitude	6000 m ^{Maximum takeoff altitude is 3000 m with DJI Mavic 4 Pro Propeller Guards.}

Aircraft	Max Flight Time	51 minutes ^{Measured by the aircraft flying forward at a constant speed of 32.4 kph in a windless environment at sea level, with Obstacle Avoidance Action set to Brake, in photo mode, and from 100% battery level until 0%. Actual experience may vary depending on the environment, usage, and firmware version.}
Aircraft	Max Hovering Time	45 minutes ^{Measured by the aircraft hovering in a windless environment at sea level, with Obstacle Avoidance Action set to Brake, in photo mode, and from 100% battery level until 0%. Actual experience may vary depending on the environment, usage, and firmware version.}
Aircraft	Max Flight Distance	41 km ^{Measured by the aircraft flying forward at a constant speed of 54 kph in a windless environment at sea level, with Obstacle Avoidance Action set to Brake, in photo mode, and from 100% battery level until 0%. Actual experience may vary depending on the environment, usage, and firmware version.}
Aircraft	Max Wind Speed Resistance	12 m/s (39.4 ft/s)
Aircraft	Max Pitch Angle	35°
Aircraft	Operating Temperature	-10 °C to 40 °C (14 °F to 104 °F)
Aircraft	Global Navigation Satellite System	GPS + Galileo + BeiDou
Aircraft	Hovering Accuracy Range	Vertical: ±0.1 m (with vision positioning) ±0.5 m (with satellite positioning) Horizontal: ±0.3 (with vision positioning) ±0.5 m (with satellite positioning)

Aircraft	Internal Storage	Mavic 4 Pro: 64GB (available storage space is approximately 42GB) Mavic 4 Pro 512GB (Creator Combo): 512GB (available storage space is approximately 460GB)
Aircraft	Class	C2 (EU)
Camera	Image Sensor	Hasselblad Camera: 4/3 CMOS, Effective Pixels: 100 MP Medium Tele Camera: 1/1.3-inch CMOS, Effective Pixels: 48 MP Tele Camera: 1/1.5-inch CMOS, Effective Pixels: 50 MP
Camera	Lens	Hasselblad Camera FOV: 72° Format Equivalent: 28 mm Aperture: f/2.0 to f/11 Focus: 2 m to ∞ Medium Tele Camera FOV: 35° Format Equivalent: 70 mm Aperture: f/2.8 Focus: 3 m to ∞ Tele Camera FOV: 15° Format Equivalent: 168 mm Aperture: f/2.8 Focus: 3 m to ∞

Camera	ISO Range	Hasselblad Camera Video Normal: 100-12800 (Normal) 400-6400 (D-Log) 100-6400 (D-Log M) 100-6400 (HLG) Slow Motion: 100-6400 (Normal) 400-3200 (D-Log) 100-3200 (D-Log M) 100-3200 (HLG) Photo 100-6400 (25 MP) 100-3200 (100 MP) Medium Tele Camera and Tele Camera Video Normal: 100-12800 (Normal) 400-3200 (D-Log) 100-3200 (D-Log M) 100-3200 (HLG) Slow Motion: 100-6400 (Normal) 400-3200 (D-Log) 100-3200 (D-Log M) 100-3200 (HLG) Photo 100-6400 (12 MP)

Camera	Shutter Speed	Hasselblad Camera 25MP Single Shot: 1/16000-16 s (over 2 s for simulated long exposure) 100MP Single Shot: 1/8000-8 s 25 MP Auto Exposure Bracketing (AEB)/Burst Shooting/Timed: 1/16000-8 s 100 MP Auto Exposure Bracketing (AEB)/Burst Shooting/Timed: 1/8000-8 s Medium Tele Camera 12 MP Single Shot: 1/16000-8 s (over 2 s for simulated long exposure) 48 MP Single Shot: 1/8000-2 s 12 MP Auto Exposure Bracketing (AEB)/Burst Shooting/Timed: 1/16000-2 s 48 MP Auto Exposure Bracketing (AEB)/Burst Shooting/Timed: 1/8000-2 s Tele Camera 12.5 MP Single Shot: 1/16000-8 s (over 1 s for simulated long exposure) 50 MP Single Shot: 1/16000-2 s 12.5 MP Auto Exposure Bracketing (AEB)/Burst Shooting/Timed: 1/16000-2 s 50 MP Auto Exposure Bracketing (AEB)/Burst Shooting/Timed: 1/16000-2 s
Camera	Max Image Size	Hasselblad Camera: 12288 × 8192 Medium Tele Camera: 8064 × 6048 Tele Camera: 8192 × 6144

Camera	Still Photography Modes	Hasselblad Camera Single Shot: 25 MP, 100 MP Automatic Exposure Bracketing (AEB): 25 MP, 3/5/7 frames at 0.7 EV step;100 MP, 3/5 frames at 0.7 EV step Burst Shooting: 25 MP, 3/5/7 frames; 100 MP, 3/5 frames Timed: 25 MP, 1 (Mavic 4 Pro 512GB)/2/3/5/7/10/15/20/30/60 seconds; 100 MP, 2 (Mavic 4 Pro 512GB)/3 (Mavic 4 Pro 512GB)/5 (Mavic 4 Pro 512GB)/7 (Mavic 4 Pro 512GB)/10/15/20/30/60 seconds Medium Tele Camera Single Shot: 12 MP, 48 MP Automatic Exposure Bracketing (AEB): 12 MP, 3/5/7 frames at 0.7 EV step; 48 MP, 3/5/7 frames at 0.7 EV step Burst Shooting: 12 MP, 3/5/7 frames; 48 MP, 3/5/7 frames Timed: 12 MP, 1 (Mavic 4 Pro 512GB)/2/3/5/7/10/15/20/30/60 seconds; 48 MP, 1 (Mavic 4 Pro 512GB)/2 (Mavic 4 Pro 512GB)/3 (Mavic 4 Pro 512GB)/5/7/10/15/20/30/60 seconds Tele Camera Single Shot: 12.5 MP, 50 MP Auto Exposure Bracketing (AEB): 12.5 MP, 3/5/7 frames at 0.7 EV step; 50 MP, 3/5/7 frames at 0.7 EV step
Camera	Photo Format	JPEG DNG (RAW)

Camera	Video Resolution	Hasselblad Camera H.264 ALL-I/H.265* 6K: 6016×3384@24/25/30/48/50/60fps DCI 4K: 4096×2160@24/25/30/48/50/60/120**fps 4K: 3840×2160@24/25/30/48/50/60/120**fps FHD: 1920×1080@24/25/30/48/50/60fps 4K Vertical Shooting: 2160×3840@24/25/30/48/50/60fps H.264 Standard FHD: 1920×1080@24/25/30/48/50/60fps Medium Tele Camera H.264 ALL-I/H.265 Standard* 4K: 3840×2160@24/25/30/48/50/60/120*fps FHD: 1920×1080@24/25/30/48/50/60fps 2.7K Vertical Shooting: 1512×2688@24/25/30/48/50/60fps H.264 Standard FHD: 1920×1080@24/25/30/48/50/60fps 2.7K Vertical Shooting: 1512×2688@24/25/30/48/50/60fps Tele Camera H.264 ALL-I/H.265 Standard 4K: 3840×2160@24/25/30/48/50/60/100**fps FHD: 1920×1080@24/25/30/48/50/60fps 2.7K Vertical Shooting: 1512×2688@24/25/30/48/50/60fps H.264 Standard
Camera	Video Format	MP4 (H.264 ALL-I/H.264 Standard/H.265 Standard) ^{Only Mavic 4 Pro 512GB (Creator Combo) supports H.264 ALL-I recording.}
Camera	Max Video Bitrate	H.264 Standard Bitrate: 90 Mbps H.265 Standard Bitrate: 180 Mbps H.264 ALL-I Bitrate: 1200 Mbps ^{Only Mavic 4 Pro 512GB (Creator Combo) supports H.264 ALL-I recording.}
Camera	Supported File System	exFAT

Camera	Color Mode and Sampling Method	Hasselblad Camera Normal Color: 10-bit 4:2:2 (H.264 ALL-I) 10-bit 4:2:0 (H.265 Standard) 8-bit 4:2:0 (H.264 Standard) HLG/D-Log M/D-Log: 10-bit 4:2:2 (H.264 ALL-I) 10-bit 4:2:0 (H.265 Standard) Medium Tele Camera Normal Color: 10-bit 4:2:2 (H.264 ALL-I) 10-bit 4:2:0 (H.265 Standard) 8-bit 4:2:0 (H.264 Standard) HLG/D-Log M/D-Log: 10-bit 4:2:2 (H.264 ALL-I) 10-bit 4:2:0 (H.265 Standard) Tele Camera Normal Color: 10-bit 4:2:2 (H.264 ALL-I) 10-bit 4:2:0 (H.265 Standard) 8-bit 4:2:0 (H.264 Standard) HLG/D-Log M/D-Log: 10-bit 4:2:2 (H.264 ALL-I) 10-bit 4:2:0 (H.265 Standard) ^{Only Mavic 4 Pro 512GB (Creator Combo) supports H.264 ALL-I recording.}
Camera	Digital Zoom	Hasselblad Camera: 1x to 2.5x Medium Tele Camera: 2.5x to 6x Tele Camera: 6x to 24x
Gimbal	Stabilization	3-axis mechanical gimbal (tilt, roll, pan)
Gimbal	Mechanical Range	Tilt: -164° to 160° Roll: -90° to 450° Pan: -22° to 22°
Gimbal	Controllable Range	Tilt: -90° to 70° Roll: -40° to 400°
Gimbal	Max Control Speed	Tilt: 100°/s Roll: 100°/s
Gimbal	Angular Vibration Range	Hovering Without Wind: ±0.001° Normal Mode: ±0.003° Sport Mode: ±0.005°
Sensing	Sensing Type	Omnidirectional binocular vision system, supplemented with forward-facing LiDAR and an infrared sensor at the bottom of the aircraft

Sensing	Forward	Measurement Range: 0.5-24 m Detection Range: 0.5-200 m Effective Sensing Speed: Flight Speed ≤ 18 m/s FOV: Horizontal 180°, Vertical 180°
Sensing	Backward	Measurement Range: 0.5-22 m Detection Range: 0.5-200 m Effective Sensing Speed: Flight Speed ≤ 18 m/s FOV: Horizontal 180°, Vertical 180°
Sensing	Lateral	Measurement Range: 0.5-21 m Detection Range: 0.5-200 m Effective Sensing Speed: Flight Speed ≤ 18 m/s FOV: Horizontal 180°, Vertical 180°
Sensing	Upward	Measurement Range: 0.5-18 m Effective Sensing Speed: Flight Speed ≤6 m/s FOV: Horizontal 90°, Vertical 90°
Sensing	Downward	Measurement Range: 0.5-17 m Effective Sensing Speed: Flight Speed ≤6 m/s FOV: Horizontal 180°, vertical 180°

Sensing	3D Infrared Sensing System	Forward-Facing LiDAR Measurement Range (nighttime): 0.5-25 m (reflectivity > 10%) FOV: Up and Down 60°, Left and Right 60° Downward-Facing Infrared Sensor Measurement Range: 0.3-8 m (reflectivity > 10%) FOV: Front and Back 60°, Left and Right 60°
Sensing	Operating Environment	Forward, Backward, Left, Right, and Upward: Surfaces with discernible patterns, adequate lighting (lux > 0.1, urban lighting environment). Downward: Surfaces with discernible patterns, diffuse reflectivity > 20% (e.g. walls, trees, people), and adequate lighting (lux > 0.1, urban lighting environment).
Video Transmission	Video Transmission System	O4+
Video Transmission	Live View Quality	Remote Controller: 1080p/30fps, 1080p/60fps
Video Transmission	Operating Frequency	2.4000-2.4835 GHz 5.170-5.250 GHz 5.725-5.850 GHz ^{Operating frequency allowed varies among countries and regions. Please refer to local laws and regulations for more information.}
Video Transmission	Transmitter Power (EIRP)	2.4 GHz: < 33 dBm (FCC) < 20 dBm (CE/SRRC/MIC) 5.1 GHz: < 23 dBm (CE) 5.8 GHz: < 33 dBm (FCC) < 14 dBm (CE) < 30 dBm (SRRC)

Video Transmission	Max Transmission Distance (unobstructed, free of interference)	FCC: 30 km CE: 15 km SRRC: 15 km MIC: 15 km ^{Measured in an open, outdoor environment without interference or obstructions and represents the farthest communication range under each standard. The actual max transmission distance during flight is limited by the drone's max flight distance. Always pay attention to RTH reminders on the camera view during your flight.}
Video Transmission	Max Transmission Distance (unobstructed, with interference)	Strong Interference (urban landscape): Approx. 1.5-6 km Medium Interference (suburban landscape): Approx. 6-15 km Low Interference (suburb/seaside): Approx. 15-30 km ^{Measured under FCC standard in unobstructed environments with typical interference. Used for reference purposes only and provides no guarantee for actual transmission distance.}
Video Transmission	Max Transmission Distance (obstructed, with interference)	Low Interference and Obstructed by Buildings: Approx. 0-0.7 km Low Interference and Obstructed by Trees: Approx. 0.7-4.5 km ^{Measured under FCC standard in obstructed environments with typical low interference. Used for reference purposes only and provides no guarantee for actual transmission distance.}
Video Transmission	Max Download Speed	O4+: 10 MB/s* Wi-Fi 6: 80 MB/s* ^{Measured in a laboratory environment with little interference in countries/regions that support both 2.4 GHz and 5.8 GHz. Download speeds may vary depending on the actual conditions.}

Video Transmission	Lowest Latency	Compatible with DJI RC 2/ DJI RC Pro 2 Remote Controller: approx. 130 ms ^{Depending on the actual environment and mobile device.}
Video Transmission	Antenna	6 antennas, 2T4R
Wi-Fi	Protocol	802.11 a/b/g/n/ac/ax
Wi-Fi	Operating Frequency	2.4000-2.4835 GHz 5.725-5.850 GHz ^{Operating frequency allowed varies among countries and regions. Please refer to local laws and regulations for more information.}
Wi-Fi	Transmitter Power (EIRP)	2.4 GHz: < 23 dBm (FCC) < 20 dBm (CE/SRRC/MIC) 5.8 GHz: < 23 dBm (FCC/SRRC) < 14 dBm (CE)
Bluetooth	Protocol	Bluetooth 5.1
Bluetooth	Operating Frequency	2.4000-2.4835 GHz ^{Operating frequency allowed varies among countries and regions. Please refer to local laws and regulations for more information.}
Bluetooth	Transmitter Power (EIRP)	< 10 dBm
Battery	Capacity	6654 mAh
Battery	Weight	Approx. 332 g
Battery	Nominal Voltage	14.32 V
Battery	Max Charging Voltage	17.2 V
Battery	Battery Type	Li-ion 4S
Battery	Chemical System	LiNiMnCoO2
Battery	Energy	95.3 Wh
Battery	180	5° to 40° C (41° to 104° F)

Battery	Charging Time	Using the DJI Mavic 240W Power Adapter with no other devices connected to the charger or the Charging Hub's USB-C port From 0% to 100%: 1 battery takes about 51 minutes, 3 batteries take about 90 minutes (200 V to 240 V input) or about 110 minutes (100 V to 127 V input) Using DJI 100W USB-C Power Adapter From 0% to 100%: 1 battery takes about 80 minutes Charging via the aircraft (65W max charging power) From 0% to 100%: 115 minutes ^{* Charging time is measured in a test environment with a temperature of 25°C. Actual charging time may increase due to higher ambient temperatures or variations in mains voltage between regions.}
Battery Charging Hub	Input	USB-C Port: 5 V to 20 V, max 5 A Mini SDC Port: 11.2 V to 17.6 V, max 15 A
Battery Charging Hub	Output	Battery Port: 10 V to 17.2 V, max 12 A
Battery Charging Hub	Rated Power	USB-C Port: Supports up to 100 W Mini SDC Port: Supports up to 240 W/15 A
Battery Charging Hub	Charging Type	When used with the DJI Mavic 240W Power Adapter: Supports parallel charging of three batteries (The Parallel Charging Hub will prioritize the battery with the lowest charge and switch to parallel charging once all three batteries reach the same charge level.) When used with the DJI 100W USB-C Power Adapter: Charges three batteries in sequence.

Battery Charging Hub	Compatibility	DJI Mavic 4 Pro Intelligent Flight Battery
Storage	Recommended microSD Cards	Lexar Silver plus 64GB A2 V30 microSDXC Lexar Silver plus 128GB A2 V30 microSDXC Lexar Silver plus 256GB A2 V30 microSDXC Lexar Silver plus 512GB A2 V30 microSDXC Lexar Silver plus 1TB A2 V30 microSDXC Kingston CANVAS GO! Plus 64GB A2 V30 microSDXC Kingston CANVAS GO! Plus 128GB A2 V30 microSDXC Kingston CANVAS GO! Plus 256GB A2 V30 microSDXC Kingston CANVAS GO! Plus 512GB A2 V30 microSDXC

