item_title	spec_key	spec_value
Aircraft	Takeoff Weight	249.9 g ^{Product weight may vary due to differences in batch materials and other factors. The actual weight is approximately 249.9 g ± 4 g and is subject to the actual product. Before flying with the Intelligent Flight Battery or the Intelligent Flight Battery Plus, check and comply with local laws and regulations to confirm whether registration or an exam is required.} ^{The Intelligent Flight Battery Plus is not sold in Europe.}
Aircraft	Dimensions	Folded (without propellers): 157×95×68 mm (L×W×H) Unfolded (with propellers): 255×181×91 mm (L×W×H)
Aircraft	Max Ascent Speed	10 m/s (S Mode) 5 m/s (N Mode) 5 m/s (C Mode)
Aircraft	Max Descent Speed	8 m/s (S Mode, using DJI Mini 5 Pro Intelligent Flight Battery Plus*) 6 m/s (S Mode, using DJI Mini 5 Pro Intelligent Flight Battery) 5 m/s (N Mode) 5 m/s (C Mode) ^{* The Intelligent Flight Battery Plus is not sold in Europe.}
Aircraft	Max Horizontal Speed	19 m/s* (S Mode, using DJI Mini 5 Pro Intelligent Flight Battery Plus**) 18 m/s* (S Mode, using DJI Mini 5 Pro Intelligent Flight Battery) 15 m/s*** (tracking status) ^{* Measured in a wind tunnel test environment when taking off from an altitude of 0 meter and ascending vertically to a height of 1.5 meters above the ground in Sport mode, and is for reference only. Always pay attention to reminders on the camera view during your flight.} ^{** The Intelligent Flight Battery Plus is not sold in Europe.} ^{*** Measured in an open, windless test environment with the drone taking off from an altitude of 0 meters.}
Aircraft	Max Takeoff Altitude	6000 m (using DJI Mini 5 Pro Intelligent Flight Battery) 4500 m (using DJI Mini 5 Pro Intelligent Flight Battery Plus*) ^{* The Intelligent Flight Battery Plus is not sold in Europe.}
Aircraft	Max Flight Time	36 minutes (using DJI Mini 5 Pro Intelligent Flight Battery) ^{Measured by the aircraft flying forward at a constant speed of 21.6 kph in a windless environment at sea level, with Obstacle Avoidance Action set to Brake, in photo mode, until forced landing due to low voltage. Data is for reference only. Always pay attention to reminders in the app during your flight.} 52 minutes (using DJI Mini 5 Pro Intelligent Flight Battery Plus*) ^{Measured by the aircraft flying forward at a constant speed of 25.2 kph in a windless environment at sea level, with Obstacle Avoidance Action set to Brake, in photo mode, until forced landing due to low voltage. Data is for reference only. Always pay attention to reminders in the app during your flight.} ^{* The Intelligent Flight Battery Plus is not sold in Europe.}

Aircraft	Typical Flight Time	21 minutes (using DJI Mini 5 Pro Intelligent Flight Battery) 33 minutes (using DJI Mini 5 Pro Intelligent Flight Battery Plus*) ^{Measured at sea level in a breezy environment, with the aircraft taking off with a fully charged battery, Obstacle Avoidance Action set to Brake, and the camera set to record at 4K/60fps. After takeoff, the aircraft ascends to 120 m and flies forward 1 km at 15 m/s before recording begins (about 15 minutes of recording with the Intelligent Flight Battery, and about 20 minutes with the Intelligent Flight Battery Plus). During recording, the aircraft adjusts gimbal movements and its flight position at speeds of up to 10 m/s over a total distance of approximately 2 km, while hovering for the remaining time. The aircraft hovers until a RTH reminder appears, then initiates auto RTH and completes a safe landing. Data is for reference only. Always pay attention to reminders in the app during your flight.} ^{* The Intelligent Flight Battery Plus is not sold in Europe.}
Aircraft	Max Flight Distance	21 km (using DJI Mini 5 Pro Intelligent Flight Battery) 32 km (using DJI Mini 5 Pro Intelligent Flight Battery Plus*) ^{Measured by the aircraft flying forward at a constant speed of 39.6 kph in a windless environment at sea level, with Obstacle Avoidance Action set to Brake, in photo mode, until forced landing due to low voltage. Data is for reference only. Always pay attention to reminders in the app during your flight.} ^{* The Intelligent Flight Battery Plus is not sold in Europe.}
Aircraft	Max Wind Speed Resistance	12 m/s
Aircraft	Max Pitch Angle	38°
Aircraft	Operating Temperature	-10° to 40° C (14° 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 m (with vision positioning) ±0.5 m (with satellite positioning)
Aircraft	Internal Storage	42 GB
Aircraft	Class	C0 (EU), with the option to apply for C1 (EU) in the DJI Fly app.
Camera	Image Sensor	1-inch CMOS, 50MP Effective Pixels
Camera	Lens	FOV: 84° Format Equivalent: 24 mm Aperture: f/1.8 Focus: 0.5 m to ∞

Camera	ISO Range	Video Normal: 100-12800 (Normal) 100-3200 (D-Log M) 100-3200 (HLG) Slow Motion: 100-6400 (Normal) 100-3200 (D-Log M) 100-3200 (HLG) Photo 100-6400 (12 MP) 100-3200 (50 MP)
Camera	Shutter Speed	12MP Photo: 1/8000-2 s (2.5-8 s for simulated long exposure) 50MP Photo: 1/8000-2 s
Camera	Max Image Size	8192×6144
Camera	Still Photography Modes	Single Shot: 12 MP and 50 MP Burst Shooting: 12 MP, 3/5/7 frames; 50 MP, 3/5 frames Automatic Exposure Bracketing (AEB): 12 MP, 3/5/7 frames; 50 MP, 3/5 frames at 0.7 EV step Timed: 12 MP, 2/3/5/7/10/15/20/30/60 s; 50 MP, 5/7/10/15/20/30/60 s
Camera	Photo Format	JPEG/DNG (RAW)
Camera	Video Resolution	H.264/H.265 4K: 3840×2160@24/25/30/48/50/60/120*fps FHD: 1920×1080@24/25/30/48/50/60/120*/240*fps ^{* Recording frame rates. The corresponding video plays as a slow-motion video. Slow-motion videos and 4K video recordings only support H.265 encoding.}
Camera	Video Format	MP4 (MPEG-4 AVC/H.264, HEVC/H.265)
Camera	Max Video Bitrate	H.264/H.265: 130 Mbps ^{* When shooting 4K/120fps video in D-Log M mode with DJI Mini 5 Pro, the video encoding bitrate can reach up to 130Mbps, corresponding to a video stream frame rate of 120fps. However, since slow-motion video files are encapsulated at 30fps, the video length displayed on the player is four times the recording duration, and the bitrate of the parsed encapsulated file is approximately one-fourth of the original encoding bitrate.}
Camera	Supported File System	exFAT
Camera	Color Mode and Sampling Method	Normal (FHD): 8-bit 4:2:0 (H.264) Normal (FHD/4K): 10-bit 4:2:0 (H.265) HLG/D-Log M: 10-bit 4:2:0 (H.265)
Camera	Digital Zoom	12MP Photo: 1-3x 4K: 1-3x FHD: 1-4x
Gimbal	Stabilization	3-axis mechanical gimbal (tilt, roll, pan)
Gimbal	Mechanical Range	Tilt: -135° to 80° Roll: -230° to 95° Pan: -25° to 25°
Gimbal	Controllable Range	Tilt: -90° to 55° Roll: -180° to 45°

Gimbal	Max Control Speed (tilt)	100°/s
Gimbal	Angular Vibration Range	±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: 0.5-18 m Detection Range: 0.5-200 m Effective Sensing Speed: Flight Speed ≤ 15 m/s FOV: Horizontal 90°, Vertical 72°
Sensing	Backward	Measurement Range: 0.5-18 m Effective Sensing Speed: Flight Speed ≤ 14 m/s FOV: Horizontal 90°, Vertical 72°
Sensing	Lateral	Measurement Range: 0.5-12 m Effective Sensing Speed: Flight Speed ≤ 14 m/s FOV: Horizontal 90°, Vertical 72°
Sensing	Upward	Measurement Range: 0.5-18 m Effective Sensing Speed: Flight Speed ≤ 6 m/s FOV: Front and Back 72°, Left and Right 90°
Sensing	Downward	Measurement Range: 0.3-14 m Effective Sensing Speed: Flight Speed ≤ 6 m/s FOV: Front and Back 106°, Left and Right 90°
Sensing	Operating Environment	Forward, Backward, Left, Right, and Upward: Surfaces with discernible patterns and adequate lighting (lux > 1) Downward: Surfaces with discernible patterns, diffuse reflectivity > 20% (e.g., walls, trees, people), and adequate lighting (lux > 1)
Sensing	3D Infrared Sensor	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°
Video Transmissio	Video Transmission	O4+
Video Transmissio	Live View Quality	Remote Controller: 1080p/30fps, 1080p/60fps
Video Transmissio n	Operating Frequency	2.400-2.4835 GHz 5.170-5.250 GHz 5.725-5.850 GHz ^{Operating frequency allowed varies among countries and regions. Refer to local laws and regulations for more information.}
Video Transmissio n	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) < 30 dBm (SRRC) < 14 dBm (CE)

Video Transmission	Max Transmission Distance (unobstructed, free of interference)	FCC: 20 km CE: 10 km SRRC: 10 km MIC: 10 km ^{Measured in an unobstructed outdoor environment free of interference. The above data shows the farthest communication range for one-way, non-return flights under each standard. Always pay attention to RTH reminders in the app during your flight.}
Video Transmission	Max Transmission Distance (unobstructed, with interference)	Strong Interference: Urban landscape, approx. 1.5-4 km Medium Interference: Suburban landscape, approx. 4-10 km Low Interference: Suburb/Seaside, approx. 10-20 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 (with DJI RC-N3 Remote Controller) 10 MB/s (with DJI RC 2) Wi-Fi 6: Up to 100 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 Transmissio	Lowest Latency	Aircraft + Remote Controller: Approx. 120 ms ^{Depending on the actual environment and mobile device.}
Video Transmissio	Antenna	4 antennas, 2T4R
Wi-Fi	Protocol	802.11 a/b/g/n/ac/ax
Wi-Fi	Operating Frequency	2.400-2.4835 GHz 5.725-5.850 GHz
Wi-Fi	Transmitter Power (EIRP)	2.4 GHz: < 20 dBm (FCC/CE/SRRC/MIC) 5.8 GHz: < 26 dBm (FCC/SRRC) < 14 dBm (CE)
Bluetooth	Protocol	Bluetooth 5.4
Bluetooth	Operating Frequency	2.400-2.4835 GHz
Bluetooth	Transmitter Power (EIRP)	< 10 dBm
Battery	Capacity	DJI Mini 5 Pro Intelligent Flight Battery: 2788 mAh DJI Mini 5 Pro Intelligent Flight Battery Plus*: 4680 mAh ^{* The Intelligent Flight Battery Plus is not sold in Europe.}
Battery	Weight	DJI Mini 5 Pro Intelligent Flight Battery: approx. 71.9 g DJI Mini 5 Pro Intelligent Flight Battery Plus*: approx. 117 g ^{* The Intelligent Flight Battery Plus is not sold in Europe.}
Battery	Nominal Voltage	DJI Mini 5 Pro Intelligent Flight Battery: 7.16 V DJI Mini 5 Pro Intelligent Flight Battery Plus*: 7 V ^{* The Intelligent Flight Battery Plus is not sold in Europe.}

Battery	Max Charging Voltage	DJI Mini 5 Pro Intelligent Flight Battery: 8.6 V DJI Mini 5 Pro Intelligent Flight Battery Plus*: 8.6 V ^{* The Intelligent Flight Battery Plus is not sold in Europe.}
Battery	Battery Type	Li-ion
Battery	Chemical System	LiNiMnCoO2
Battery	Energy	DJI Mini 5 Pro Intelligent Flight Battery: 19.52 Wh DJI Mini 5 Pro Intelligent Flight Battery Plus*: 33.51 Wh ^{* The Intelligent Flight Battery Plus is not sold in Europe.}
Battery	Charging Temperature	5° to 40° C (41° to 104° F)
Battery	Charging Time	DJI Mini 5 Pro Intelligent Flight Battery: 1 battery can be fully charged in approx. 69 minutes by charging through the drone using the DJI 65W Portable Charger. 1 battery can be fully charged in approx. 46 minutes using the Two-Way Charging Hub and DJI 65W Portable Charger. 3 batteries can be fully charged in approx. 115 minutes using the Two-Way Charging Hub and DJI 65W Portable Charger. DJI Mini 5 Pro Intelligent Flight Battery Plus*: 1 battery can be fully charged in approx. 94 minutes by charging through the drone using the DJI 65W Portable Charger. 1 battery can be fully charged in approx. 56 minutes using the Two-Way Charging Hub and DJI 65W Portable Charger. 3 batteries can be fully charged in approx. 193 minutes using the Two-Way Charging Hub and DJI 65W Portable Charger. ^{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.} ^{* The Intelligent Flight Battery Plus is not sold in Europe.}
Battery Charging	Input	USB-C: 5-15 V, max 4.3 A
Battery Charging	Output	Battery Port: 5-15 V, max 2 A
Battery Charging Hub	Charging Type	DJI Mini 5 Pro Intelligent Flight Battery: Two batteries charged in parallel DJI Mini 5 Pro Intelligent Flight Battery Plus*: Three batteries charged in sequence ^{* The Intelligent Flight Battery Plus is not sold in Europe.}
Battery Charging Hub	Compatibility	DJI Mini 5 Pro Intelligent Flight Battery DJI Mini 5 Pro Intelligent Flight Battery Plus* ^{* The Intelligent Flight Battery Plus is not sold in Europe.}
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
DJI RC-N3 Remote Controller	Max Operating Time	Without charging any mobile device: 3.5 hours When charging a mobile device: 1.5 hours

DJI RC-N3 Remote Controller	Max Supported Mobile Device Size	180×86×10 mm (L×W×H)
DJI RC-N3 Remote Controller	Operating Temperature	-10° to 40° C (14° to 104° F)
DJI RC-N3 Remote Controller	Charging Temperature	5° to 40° C (41° to 104° F)
DJI RC-N3 Remote Controller	Charging Time	2 hours
DJI RC-N3 Remote Controller	Charging Type	It is recommended to use a 5V/2A charger.
DJI RC-N3 Remote Controller	Battery Capacity	9.36 Wh (3.6 V, 2600 mAh)
DJI RC-N3 Remote Controller	Weight	Approx. 320 g
DJI RC-N3 Remote Controller	Dimensions	104.2×150×45.2 mm (L×W×H)
DJI RC-N3 Remote Controller	Supported Mobile Device Port Type	Lightning, USB-C, Micro-USB ^{Using a mobile device with a Micro-USB port requires the DJI RC-N Series RC Cable (Standard Micro USB Connector), which is sold separately.}
DJI RC-N3 Remote Controller	Video Transmission Operating Frequency	2.400-2.4835 GHz 5.170-5.250 GHz 5.725-5.850 GHz ^{Operating frequency allowed varies among countries and regions. Refer to local laws and regulations for more information.}
DJI RC-N3 Remote Controller	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)
