

TITAN X

Fully Powered to Forge Ahead



AIRCRAFT

Dimensions:

820×670×440 mm [Unfolded, propellers excluded]

440×422×440 mm [Folded, propellers included]

Diagonal Wheelbase:

889 mm

Max Take-off Weight: 9,7 kg

Weight: without batteries ± 3.97 kg

with 2x AZ65 batteries ± 6.97 kg

Operating Frequency:

Transmission Power (EIRP):

2.400 GHz - 2.483 GHz 2.4000 - 2.4835 GHz < 33 dBm FCC

5.150 GHz - 5.250 GHz (CE: 5.150 GHz - 5.250 GHz) < 20 dBm

CE/SRRC/MIC

5.725 GHz - 5.850 GHz 5.150 - 5.250 GHz < 23 dBm CE

5.725 - 5.850 GHz < 33 dBm FCC/SRRC

< 14 dBm CE

Hovering Accuracy:

Vertical: ±0.1 m (Vision System enabled) ±0.5 m (GPS enabled) ±0.1 m (RTK enabled)

RTK Positioning Accuracy: (When RTK enabled and fixed)

1cm + 1ppm Horizontal

1.5cm + 1ppm Vertical

Horizontal: ±0.3 m (Vision System enabled)

Max Angular Velocity: Pitch: 300°/s | Yaw: 100°/s

±1.5 m (GPS enabled) Max Pitch Angle: 30° N-mode

±0.1 m (RTK enabled) 25° Forward Vision System enabled

Max Ascent Speed:

7 m/s Max

Decent Speed:

Vertical: 5 m/s

Tilt: 7 m/s

Max Speed: 21 m/s

Max Wind Resistance: 11 m/s

Max Flight Time: 55 min

Max Flight Altitude:

5000 m

GNSS: GPS+GLONASS+BeiDou+Galileo

Operating Temperature: -20° to 50°C

IP55 Protection Level

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REMOTE

Industrial Grade Android Tablet

7-inch LCD touchscreen

Weight: Approx. 1.35 kg (without AZ37 battery)

Approx. 1.52 kg (with AZ37 battery)

Resolution: 1920×1200

Max brightness: 1200 nits

GPS+Galileo+BeiDou

IP54 Protection Rating

External AZ37 Intelligent Battery

Built-in battery:

Capacity: 4920 mAh Type: Li-on (6500 mAh @ 7.2 V)

Voltage: 7.6V

Smart Battery Charger or USB-C fast charger

Type: Li-on max 65W / 20V

Energy: 37.39Wh Charging time: 2 HRS

Chemical System: LiCoO₂

Chemical System: LiNiCoAlO₂

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2T4R Antenna

Built-in battery: ± 3.3 hrs

Built-in battery + Ext battery: ±6 hrs

Bluetooth 5.1, Wifi 6 Protocol Support

FPV Camera:

Resolution: 1080p

Field of View: 142°

Frame Rate: 30 fps

SMART BATTERY AZ65

Capacity: 5880 mAh Voltage

Energy: 44.76 V | 255 Wh

Battery Type: Li-on Charging

Temperature: -20° to 40°C

Net Weight: 1.50kg

Operating Temperature: -20° to 50°C

Charging Time: 60Minutes

SMART BATTERY CHARGER

Dimensions: 590 x 370 x 270mm

Net Weight: 9.55kg

AZ65 Smart Battery × 6 AZ37 Remote Battery × 4

Operating Temperature: 20°C to 40°C

Max. Input Power: -1070 W

Input: 220-240 VAC, 50-60 Hz

Output Power: 220-240 V: 1000 W