

FEATURES	TANGO HELIX	TANGO A3 PRO	Competitor 1	Competitor 2
<b>PRICING</b>				
Retail cost	\$25,682 USD	\$25,682 USD	\$18,000 USD	\$15,995 USD
With Options	None Required	None Required		\$22,537 USD
<b>WEIGHTS</b>				
Payload bottom mount	✓	✓	✓	✓
Payload top mount	✓	✓	✗ Not an available option	✓ additional \$799
Include Ronin 2 mount	✓	✓	✓	✗
Include Movi mount	✓	✓	✓	✓
Flight time	8-35 minutes	8-35 minutes	10-30 minutes	8-40 minutes
Retractable Landing Gear	✓	✓	✗ Not an available option	✗ Not an available option
Fixed landing gear (tripod style)	available as option	✗	✓	✓
Quick release arm joints	✓	✓	✓	✓
Ronin 2 supported from factory	✓	✓	✓	✗
Movi supported from factory	✓	✓	✓	✓
<b>FLIGHT CONTROL</b>				
HELIX	✓			
DJI A3 Pro		✓	✓	
Pixhawk			✓	
PX4 Custom				✓
Mavlink Support	✓			✓
RTK GPS	Available as upgrade	Available as upgrade	Available as upgrade	Available as upgrade
Waypoint, autonomous flying	✓	✓	✓	✓ Requires extra module additional \$749
designed for take off from moving	✓	✗	✗	✗
Flight logging	✓	✓	✓	✓
<b>TRANSMITTER</b>				
Control link maximum range	25miles/40km	3.1miles/5km	3.1miles/5km	2.5miles/4km
Controller	Custom T16 colour screen with telemetry	Lightbridge 2.0	Lightbridge 2.0	Futaba 14SG \$700 extra
Controller battery Voltage (V)	7.4	7.4	7.4	6
Controller battery capacity (mAh)	7200	6000	6000	1800

Transmitter battery run time	12 Hours @100mW and backlight on	~ 6 hours	~ 6 hours	~ 8 hours
VELOCITY				
Maximum horizontal velocity	70mph/112km/hr	45mph/72km/hr	45mph/72km/hr	85mph/136km/hr
Maximum vertical velocity	6m/s	6m/s	6m/s	
0-60mph/0-100kmph time	ATTI MODE, 13 KG Payload, 7.2seconds	ATTI MODE, 13 KG Payload, 7.2seconds	No information available	No information available
FPV				
FPV Camera	✓	✓	✓	✓ available for \$300 extra
FPV Camera Remote Tilt	✓	✓	✗ Not an available option	✗ Not an available option
HD FPV Camera	✓	✗(SD)	✗ Not an available option	✗ Not an available option
In house developed PCB/PDB	✓	✓	✗	✓
Telemetry	Integrated into Transmitter	✓	✓ additional item stuck to controller	✓
Maintenance Schedule	✓	✓	✓	✓
TRAVEL				
Travel Case	750 x 650 x 785mm	750 x 650 x 785mm	✓	763 x 763 x 521mm available for \$1500 Extra
Travel Case Cost	included in price	included in price	unknown but extra	
PROPULSION				
Propulsion system	DJI E5000 Pro	DJI E5000 Pro	DJI E5000 Pro	DJI E7000
Number of motors	6	6	6	4
Motor lost available thrust	35	35	35	✗
ESC rated current	80A Continuous, 120 Peak < 3 Second	80A Continuous, 120 Peak < 3 Second	80A Continuous, 120 Peak < 3 Second	100A Continuous, 130 Peak < 3 Second
Max Thrust / Rotor Recommended	17kg / 44.4V Sea Level	17kg / 44.4V Sea Level	17kg / 44.4V Sea Level	17kg / 44.4V Sea Level
Take-off weight / Rotor	4.5-7kg	4.5-7kg	4.5-7kg	6-8 kg
ELECTRICAL				
Terminal voltage	12S, 52.2V	12S, 52.2V	12S, 52.2V	12S, 52.2V
ory input current rating of conne	QS8, 200A	QS8, 200A	XT90, 90A	XT90, 90A
Battery requirements	10Ah - 22Ah 6S x 4	10Ah - 22Ah 6S x 4	8Ah - 16Ah x 4	16Ah x 4