

Specification/Version	TITA Standard	TITA Pro	TITA Industry
Processor	Jetson Orin NX 16G	Jeron Orin NX 16G	Jetson Orin NIX 16G
Research Programming API	ROS 2 / Zenoh	ROS 2 / Zenoh	ROS 2 / Zenoh
Power Adapter	50.4V 3A	50.4V 3A	50.4V 3A
AI Performance	40 TOPs	70 TOPs	100 TOPs
Tita Bridges	3 on top	3 on top and 2 on tail	3 on top. 2 on tail. 2 front 2 on the sides
Payload Limit	Standing 10kg	Standing 15kg	Standing 20kg
Battery	2	2	4
Max Jumping Height	19cm	22cm	25cm
DoF	8	8	8
Max Speed	10.8 km/h	10.8 km/h	10.8 km/h
Built-in Camera	2	2	2
Built-in Speaker	2	2	2
Inertial Sensor	2	2	2
SPAD Sensor	1	1	1
Ultrasonic Sensor	1	1	1
IP Rating	/	/	IP54
Adjustable Output Powe	/	/	The output voltage is adjustable between 48V-5V
Power Loss Protection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TITA Cognition	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic Safe stop	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stepping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic Stairs Climbin	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
OTA Update	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unlock the Bootloader	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Handheld PDA	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>