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Know your Ultimate 2.0 through its technical details

Metallic Materials (Main)	Anodized aluminum
Parts and Accessories	80+ part types, totaling 550+ pieces
Main Control Board/ Chip	ATMEGA2560-16AU
Sensors	Ultrasonic Sensor × 1, Line Follower Sensor × 1, 3-Axis Accelerometer and Gyro Sensor × 1, Shutter × 1
Motion modules	Motor Driver × 4, DC Encoder Motor × 3, Makeblock Robot Gripper × 1
Interface	DC Motor Interface × 8, Motor Driver × 4, Servo Interface × 10, Wireless Communication Module × 1, Power Output × 2, Raspberry Pi Communication × 1, Sensors or Modules Interface × 4
Support Software	mBlock 3 (PC), Makeblock App (Mobile), Arduino IDE (PC)
Support Programming Languages	Scratch, Arduino
Power Supply	AA Battery × 6 (not included)
Connectivity	Bluetooth / USB
Package Dimension	510 × 310 × 150 mm (H × W × L)
Compatibility	Compatible with Maker Platform 500+ parts; Main control board supports Arduino; Hardware support Raspberry Pi

## Part List

4× Beam0824-016		4× Stiffener1616-08-M4		4× Brass Stud M4×16		1× Makeblock Robot Gripper	
5× Beam0824-032		1× Plane Bearing TurntableD34x24mm		4× Plastic Ring 4×7×2		3× 25mm DC Encoder Motor Cable	
3× Beam0824-064		1× Quick Release Plate		8× Plastic Ring 4×7×3		1× MegaPi	
2× Beam0824-128		2× 25mm Motor Bracket-72T		2× Plastic Ring 4×7×10		4× Megapi Encoder/DC Motor Driver	
1× Slide Beam0824-176		2× MegaPi Acrylic Bracket		20× Plastic Rivet 4060		1× Megapi Shield for RJ25	
2× Slide Beam0824-192		4× Rubber Blanket		20× Plastic Rivet 4100		1× Bluetooth Module	
2× Beam0808-024		4× Tire 90T B		20× Plastic Rivet 4120		1× Me Ultrasonic Sensor	
2× Plate0324-056		6× Plastic Timing Pulley 90T		12× Headless Set Screw M3×5		1× Me Line Follower	
3× Plate0324-088		3× Plastic Gear 8T		8× Headless Set Screw M3×8		1× Me Shutter	
4× Beam0412-076		2× Plastic Gear 56T		6× Countersunk Screw M3×8		1× Me 3-Axis Accelerometer and Gyro Sensor	
4× Beam0412-092		2× Plastic Gear 72T		4× Countersunk Screw M3×10		1× Me Adapter	
4× Beam0412-140		1× 360° Mobile Phone Bracket		50× Screw M4×8		1× USB Cable B-1.3m	
6× Beam0412-188		2× Track 80×139mm		46× Screw M4×14		2× 6P6C RJ25 Cable-20cm	
2× Beam0412-220		1× Battery Holder 6AA		10× Screw M4×16		1× 6P6C RJ25 Cable-35cm	
2× Bracket P3		12× Flange Copper Sleeve 4×8×4mm		4× Screw M4×22		10× Rubber Bank	
3× 25mm DC Motor Bracket		12× Shaft Collar 4mm		4× Screw M4×30		10× Nylon Cable Tie 1.9×100	
4× Bracket 3×3		6× Threaded Shaft 4×39mm		47× Nut M4		1× Cross&2.5mm HEX Screwdriver	
2× Plate 3×6		2× D shaft D4×50mm		10× Nylon Lock Nut M4		1× Small Fourway Socket Wrench	
1× Plate 7×9-B		2× Shaft D4×88mm		1× 25mm DC Encoder Motor 9V/86RPM		1× Wrench 5mm&7mm	
6× Shaft Connector 4mm		1× D shaft D4×160mm		2× 25mm DC Encoder Motor 9V/185RPM		1× HEX Key 1.5mm	