

Ari Classroom Kit – Technical Specifications



Product Name	Ari Classroom Kit
Description	The Ari Classroom Kit comes with up to 18 Ari robots, up to 18 Dual-tip Color Code marker packs, bot stickers, wireless charging cradle, screen bumpers and accessories and is used to teach STEAM and core content to primary and secondary students.
Key Features	<ul style="list-style-type: none"> • Bluetooth® Low Energy (30 ft. / 9 m range) • WiFi: 2.4 GHz • Proximity, Time of Flight, Accelerometer and Gyroscope sensors • Optical sensors for detecting lines and Color Codes • LED light • Built-in speaker • Microphone • Rechargeable LiPo battery (approximately 60 min. charge time using external 5V/1A charger) <p>Proximity sensors, Amoled screen, and built-in speaker are programmable using Ozobot Editor for Block Programming or Python.</p>
Device Compatibility	<p>Ozobot Ari robots can be coded screen-free with Color Codes or online using Ozobot Editor for Block Programming or Python.</p> <p>For coding with Ozobot Editor use a computer. The following devices work best with Ozobot Editor:</p> <ul style="list-style-type: none"> • Chromebook (Chrome OS mid-2016 or later) • Apple Mac • Windows 10/11 (V.20H2 or later) <p><i>*All devices should support Bluetooth 4.2 at a minimum, with Bluetooth 5.0 or later recommended.</i></p>

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<p>Power Supply</p>	<p>Charging Cradle Features:</p> <ul style="list-style-type: none"> • Up to 18 charge positions • Charge speed up to 300mA per robot (approximately 168 min. to charge 80%) • 1x USB 2.0 auxiliary power port capable of up to 2A • Power on LED • Wall mounting option
<p>Classroom Kit Power Includes:</p>	<ul style="list-style-type: none"> • 1x Charging Cradle • 1x 65W AC power supply (110/230V universal input) • 12x or 18x robot inserts
<p>Size and Weight</p>	<ul style="list-style-type: none"> • 43 x 43.0mm (WxH) • Weight: Ari: 2 oz. / 57 g; Cradle: 2 lbs. / 0.9 kg
<p>Connectivity</p>	<p>Bluetooth® 5.0 (BLE), min. range 30 ft. / 9 m in free space WiFi: 2.4 GHz</p>
<p>Ari Battery & Power</p>	<ul style="list-style-type: none"> • 3.7v, 1050 mAh, approx. 240 minutes of operation • Type-C charging • Wireless charging via charging cradle
<p>Programming Ari</p>	<p>Ozobot Editor (over 2.4 GHz WiFi) - program on PC</p> <ul style="list-style-type: none"> • Block-based domain-specific programming language. • Unlimited program size, program runs on your PC, robot must stay connected over WiFi. <p>Python (over 2.4 GHz WiFi) - program on PC</p> <ul style="list-style-type: none"> • Standard Python interpreter running in a browser-based IDE. • Unlimited program size, program runs on your PC, robot must stay connected over WiFi during program execution.