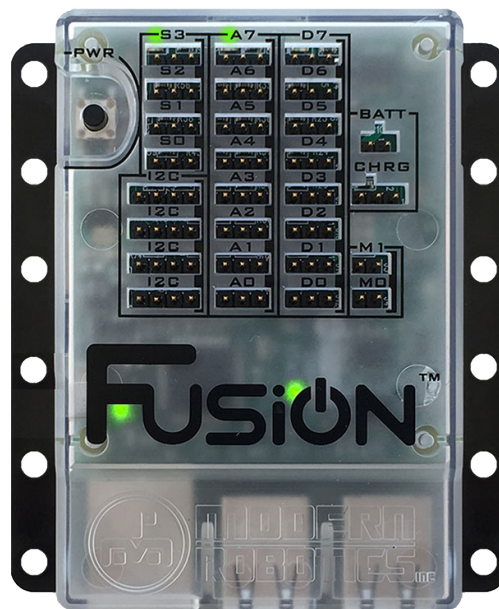


Mimio MyBot Fusion Controller

The Fusion™ controller is the brain of the Mimio MyBot educational robotics system. Simple and intuitive user interfaces enable users to create programs with graphical or text-based programming languages, allowing both novices and experts to code freely.



Features

- **No software or apps to install:** Mimio MyBot does not require apps or special software to be installed on your PC, tablet, or other device.
- **No wires or cables needed:** Fusion does not require a physical connection to run or program the robot.
- **Use any device with Wi-Fi and a browser:** Connect to Fusion via Wi-Fi then open a web browser to log on. Now you're ready to code and learn!

Specifications

Fusion Controller	
Processor	64-bit Quad-Core ARM Cortex-A53
Processor Clock Speed	1.2 GHz
Onboard Memory	1GB RAM, 544K cache
Storage	Installed SD card to 32 GB
Operating System	Open Source Linux
Programming Language	Graphical blocks
	Python
	Java (Summer 2019)
	C++ (Summer 2019)
Web Interface	Standard browser
User Software to Install	No software to install
Devices Supported	Windows PC
	Mac laptop
	Chromebook
	Tablet (iPad/Android)
	Mobile (iPhone/Android)
Documentation, Programming Reference, Examples, Lessons, Context-Sensitive Help	Pre-loaded on the Fusion and accessible from a web browser

Number of User Accounts	255
User Account Security	Username/password protected
Wi-Fi Wireless Connectivity	2.4Ghz 802.11b/g/n Wi-Fi
Wireless Connectivity	Bluetooth 4.1
Ethernet	10/100 Mbps
Video	HDMI
Audio	3.5mm audio jack
USB Ports	4 USB controller ports; can be used to add additional devices to Fusion-based system
Sensor Ports	8x digital
	8x analog
	4x I2C 100 Kbit/sec
Motor Ports	2 DC Motor control; expandable
Servo Ports	4x standard or continuous rotation; expandable
Power	Rechargeable battery
	USB power-only port
Control Buttons	Optional plug-in programmable program control button
Power Switch	Built-in power button plus program controllable off
Sensors Supported	More than 20x standard
Analog/Digital Port Access	16 ports for scientific connections and open source devices
Building System	Metal (expandable)
Additional Add-On Modules	Data logging/recording, on-board diagnostics and sensor verification, virtual game pad remote control



Additional Operational Modes	Data logging/recording, on-board diagnostics and sensor verification, virtual game pad remote control
Size and Weight	87 x 80 x 29 mm, 226 gm (with batteries)

Specifications are subject to change without notice.