robo R2 PowerUp EDU

High-performance smart 3D printer with Wi-Fi

The Robo R2 high-performance smart 3D printer with Wi-Fi lets you tackle large-scale projects and make whatever you can imagine right from your mobile device using the Robo app. Built for serious printing, Robo R2 features a large $8 \times 8 \times 10$ inch build volume, 5 inch built-in color touchscreen, on-board camera, onboard slicing, automatic calibration and it prints more than 30 different materials — plus you can add an additional extrusion head and print two materials at once. When you want to make it real — make it Robo.





5" color LCD touchscreen

Built-in 5 inch color LCD touchscreen lets you easily launch projects and adjust your printer controls for optimal results.



Auto calibration

Spend more time making without having to manually adjust the print bed — plus it's removable.



Onboard slicing

Save time by slicing your files directly from Robo R2's LCD touchscreen.



Flexible connectivity

Connect Robo R2 to your Wi-Fi or Ethernet. If no internet connection is available, connect using Robo R2's personal hotspot.



Heated print bed

Improves the quality of each print and prevents warping — plus it comes installed with a BuildTak sheet for easier print removal.



23.75 in (603.3 mm)

Filament run-out detection

Automatically pauses your 3D print and notifies you when you've run out of filament, saving you time and money.



Compatible with any device

Easily print from your Chromebook, iPad, or any other mobile device.



Prints most materials

Easily make more and print with 30+ types of materials and filaments, providing flexibility for all your projects.



Add a second extruder

Expand to second extruder to print two different materials or colors at once (sold separately).



Large print size

Enjoy a sizable ~8 x 8 x 10 inch (197 x 197 x 250 mm) print size — perfect for batch printing and large projects.



On-board camera

Record and monitor each print in real time, letting you watch it come to life — all from your mobile device.



Safety features

Access control security feature allows you to control who can remotely access Robo R2. Robo R2 comes equipped with a door to prevent touching hot surfaces.

To learn more, contact PowerUpEDU at 888.517.3824 or sales@powerupedu.com



16.75 in (425.5 mm)



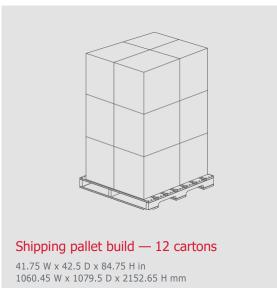
16.61 in (421.9 mm)



Retail packaging

20.3 W x 20.1 D x 27.5 H in 515.62 W x 510.54 D x 698.5 H mm





Tech specs

Print size

~8 x 8 x 10 inch 197 x 197 x 250 mm

Layer resolution

20-300 microns

Print plate leveling tech

Automatic leveling calibration

Print technology

Fused filament fabrication

Weight

30.2 lbs 13.67 kg

Print speed

Up to 16 mm3/s

Travel speed

Up to 250 mm/s

Print head

Quick change nozzle

Size (w x d x h)

16.75 x 16.61 x 23.75 inch 425.5 x 421.9 x 603.3 mm

XYZ accuracy

12.5, 12.5, 5 microns

Nozzle diameter

0.4 mm nozzle

Requirements

File transfer

Standalone 3D printing from USB stick, Wi-Fi printing from App

Software

Robo app or Cura free preparation software

Supported OS

Apple iOS and macOS, Windows, Linux, ChromeOS

Operating ambient temp

59-90 °F, 15-32 °C

Non-operating temp

32-90 °F, 0-32 °C

Shipping details

UPC

855076005790

Shipping weight

45.7 lb 20.7 kg

MSRP

\$1,499.99

Languages

English French Spanish German Polish Italian Chinese Japanese

In the box

Robo R2 printer
Power adapter and cable
Spool of filament
Quick start guide
USB with 3D models
1-year Autodesk Fusion 360
Filament feed tube
Spatula
Tool kit

Expandable to second extruder

Print in two colors or with different compatible materials to create intricate parts.

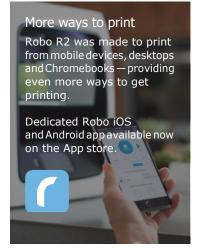
Coming soon

Lifetime support, with warranties to fit every need

Our lifetime customer support with 12 month limited warranty comes standard, but if you want peace of mind beyond this time, Robo offers plans to suit every need.

24 month warranty period from time of purchase - \$249.99 36 month warranty period from time of purchase - \$449.99





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