



robo R2

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 x 8 x 10 inch build volume, 5 inch built-in color touch screen, on-board camera, class-leading print speed, a removable, heated and automatic self-leveling print bed 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.

Robo R2 features



Wi-Fi connectivity

Connect Robo R2 to your home or workplace Wi-Fi network from your mobile device and the Robo app for the most accurate 3D printing experience.



Print from your phone

Easily print everything you make right from your smartphone or mobile device using the Robo app.



Large print size

Enjoy a sizable 8 x 8 x 10 in print size — perfect for the serious maker or hobbyist.



Fast print speed

Make every 3D print come alive quickly and accurately with our class-leading print speed.



Heated print bed

Improves the quality of each print and prevents warping — plus it's built from PEI for easier print removal.



On-board camera

Records each print in real time, letting you watch it come to life no matter where you are — all from your mobile device.



Filament run-out detection

Lets you know when you've run out of material and automatically saves your 3D print.



Auto self-leveling print bed

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



Integrated model slicing

Simplifies the path to every finished print, giving each layer more customized and controlled attention to detail.



Prints most materials

Easily make more and print with 30+ types of materials and filaments.



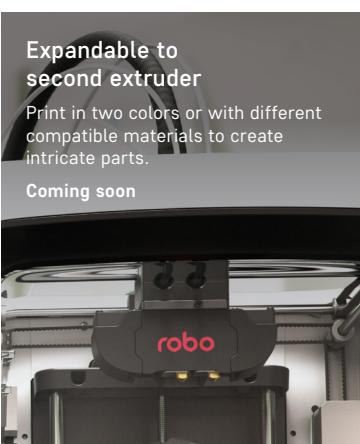
Add a second extruder

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



Swappable Modules

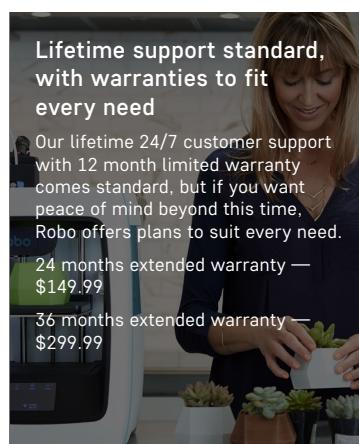
Swappable extruder modules for added functionality (sold separately).



Expandable to second extruder

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

Coming soon

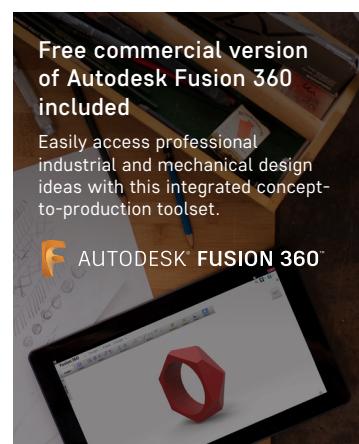


Lifetime support standard, with warranties to fit every need

Our lifetime 24/7 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 months extended warranty — \$149.99

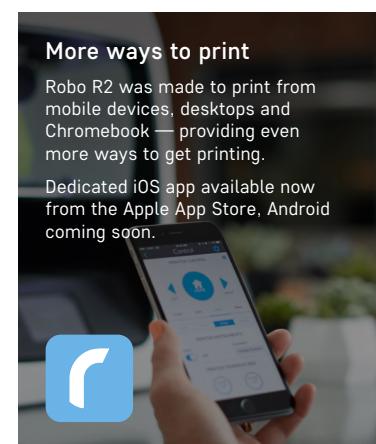
36 months extended warranty — \$299.99



Free commercial version of Autodesk Fusion 360 included

Easily access professional industrial and mechanical design ideas with this integrated concept-to-production toolset.

 AUTODESK FUSION 360™



More ways to print

Robo R2 was made to print from mobile devices, desktops and Chromebook — providing even more ways to get printing.

Dedicated iOS app available now from the Apple App Store, Android coming soon.



robo
R2

Tech specs

Print size

8 x 8 x 10 in
203.2 x 203.2 x 254 mm

Layer resolution

20–300 microns

Print plate leveling tech

Automatic leveling calibration

Print technology

Fused filament fabrication

Print speed

Up to 16 mm³/s

Travel speed

Up to 250 mm/s

Requirements

Print head

Quick change nozzle

XYZ accuracy

12.5, 12.5, 5 microns

Nozzle diameter

0.4 mm Nozzle

Size (w x d x h)

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

Weight

30.2 lbs
13.67 kg

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

File transfer

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

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
Tool kit

Languages

English
French
Spanish
German
Polish
Italian
Chinese
Japanese

Shipping details

UPC
855076005790

Shipping weight
45.7 lb
20.7 kg

MSRP
\$1,499



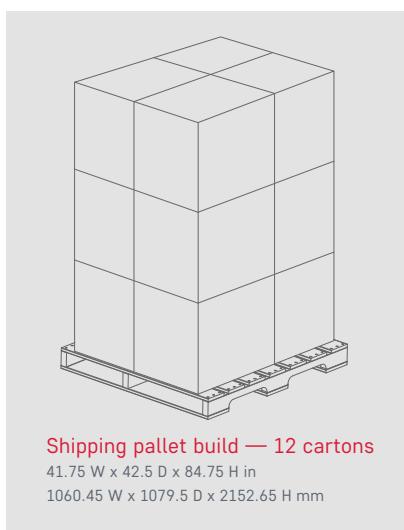
Retail packaging

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



Shipper packaging

21.25 W x 20.9 D x 28.25 H in
539.75 W x 530.86 D x 717.55 H mm



Shipping pallet build — 12 cartons

41.75 W x 42.5 D x 84.75 H in
1060.45 W x 1079.5 D x 2152.65 H mm

Contact details: sales@robo3d.com - 844.476.2633