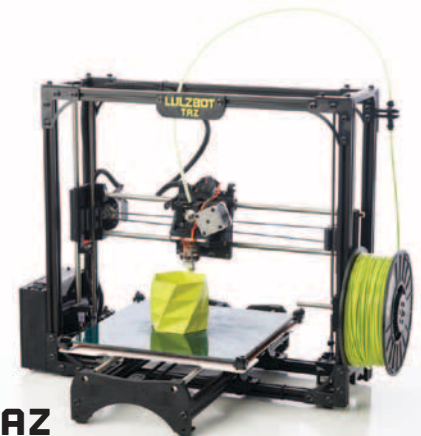




LulzBot TAZ Desktop 3D Printer

The evolution of desktop 3D printing continues with TAZ, LulzBot's top-of-the-line, highest quality printer to date. Merging technical expertise with design sensibilities, TAZ is for inventors, entrepreneurs, design engineers and prototypers — bring your ideas to life with TAZ.



TAZ

Buy printers, parts, and plastics at [LulzBot.com](https://www.lulzbot.com)

INVENT IT. CREATE IT. PRODUCE IT.

If a picture tells a thousand words, a 3D printer can tell the whole story.

Like moveable type transformed and democratized communication, 3D printing is inspiring innovation and industry. The LulzBot TAZ from Aleph Objects, Inc., continues to transform the desktop 3D printer industry. A few short years ago, creating a three-dimensional prototype or short-run production required tens of thousands of dollars and months of time, making efficient innovation difficult for most and prohibitively expensive for many.

Our technology allows you to design and print with ease and speed. Designed for innovators, prototypers, manufacturers, hobbyists, engineers, universities, architects, and medical practices – as a community, we are advancing the world of 3D printing.

TAZ has the largest print volume of machines under \$5,000, produces best-in-class prints, and allows you to create using a variety of materials.

Buy today. Print tomorrow.

The robust LulzBot TAZ is the best quality desktop 3D printer on the market. TAZ arrives at your doorstep pre-assembled and calibrated, complete with a toolkit, unpacking guide, and step-by-step manual. Our manufacturing process produces rock-solid, durable desktop 3D printers that allow you to repeat projects time and time again with fewer errors.



LulzBot printers are the first hardware products in Free Software Foundation's 27-year history to achieve RYF certification.

OPEN. FOR BUSINESS.

With all the desktop 3D printers on the market, why buy a LulzBot?

Our philosophy of Libre Hardware is built into everything we do. It means we believe you should be free to use, learn from, and improve the hardware and software you use. Since technology advances much more rapidly in an open environment, Libre Hardware means that when you own and operate a LulzBot, you benefit from the collective ingenuity of the entire open community. It's good for industry, and it's just good business.

When you buy a LulzBot, your hardware and software will never be locked down and become obsolete or require licensed upgrades as the industry advances. We will continue to improve the open desktop 3D printer world, and we encourage and empower our customers to be a part of that ongoing conversation. That's Libre Innovation.

Rest assured, as part of the LulzBot community, you'll be able to render your vision in three dimensions now and well into the future.



Libre Hardware. Libre Innovation.

THE WORKHORSE OF THE 3D PRINTING INDUSTRY.

The sturdy TAZ offers finer resolution.

At LulzBot, we're inventors. And as every inventor knows, you build it, and then you try to break it in order to make it better. In our years of research and development, we've stood on our printers, strapped them to the back of a truck and printed while driving on mountainous dirt roads, even held it upside down to see if it would still print — and it did.

Now, you won't likely need to operate your LulzBot under these conditions, but it's reassuring to know you could.

"The LulzBot is very solid. Setup was a breeze. Documentation is great."
— Caleb Kraft, Hackaday.com

"Not only was I confident I'd be getting a good product, but also that I'd be using my money to support a good company."
— Russ Reese

- Ready to print with tool-free assembly
- Quiet operation makes TAZ office, home and studio friendly
- Built for quality and accuracy with a finer layer height and resolution



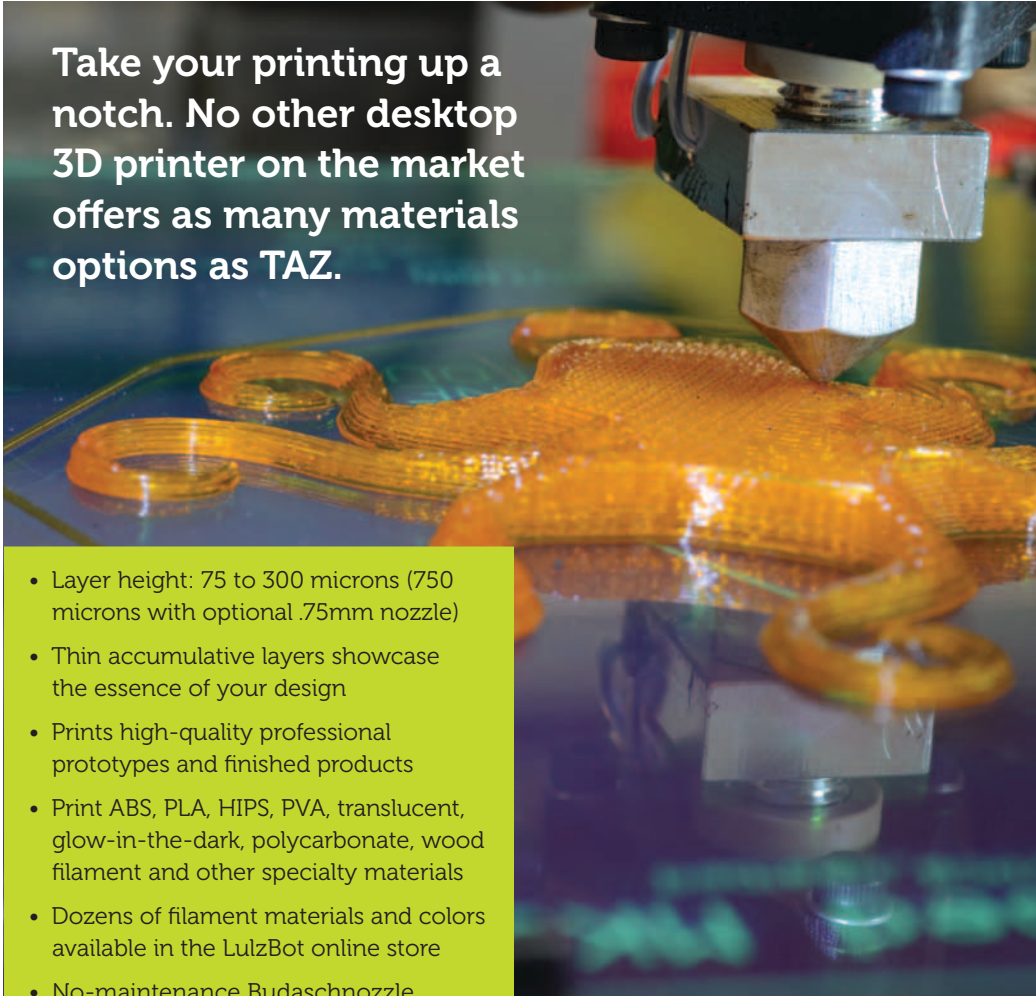
Seth Sinnema
Chief Technology Officer

CUSTOMIZE FOR YOUR NEEDS.

Don't like to be boxed in? Neither do we. That's why we allow you to customize your LulzBot to meet your needs and the requirements of the project at hand. Our open build allows you to modify easily for printing a variety of materials, parts, and pieces. Need to print quickly? A couple easy steps and you are ready to roll in no time. TAZ comes with a 0.35mm nozzle with additional, interchangeable options available. Designs for a dual extruder are also freely available on LulzBot.com.

Wood, polystyrene, plastic? Fantastic.

TAZ is one of the few desktop 3D printers that can print with more than just your run-of-the-mill plastic. Create with ABS, PLA, PVA, high-impact polystyrene, and a wood filament. But don't stop there. With add-ons, you can print with nylon, polycarbonate, and more.



Take your printing up a notch. No other desktop 3D printer on the market offers as many materials options as TAZ.

- Layer height: 75 to 300 microns (750 microns with optional .75mm nozzle)
- Thin accumulative layers showcase the essence of your design
- Prints high-quality professional prototypes and finished products
- Print ABS, PLA, HIPS, PVA, translucent, glow-in-the-dark, polycarbonate, wood filament and other specialty materials
- Dozens of filament materials and colors available in the LulzBot online store
- No-maintenance Budaschnozzle hot end is the best in the industry

ROBUST AND RELIABLE.

We are busy people and know you are as well. While we allow the flexibility to tweak our products, we also know there's work to get done — and quickly! That's why every LulzBot printer ships calibrated and ready to print with some simple assembly. **Time is money, and we dramatically reduce the product development cycle so you can design and print functional 3D prototypes, models, and products the moment your printer arrives.**

Built for performance.

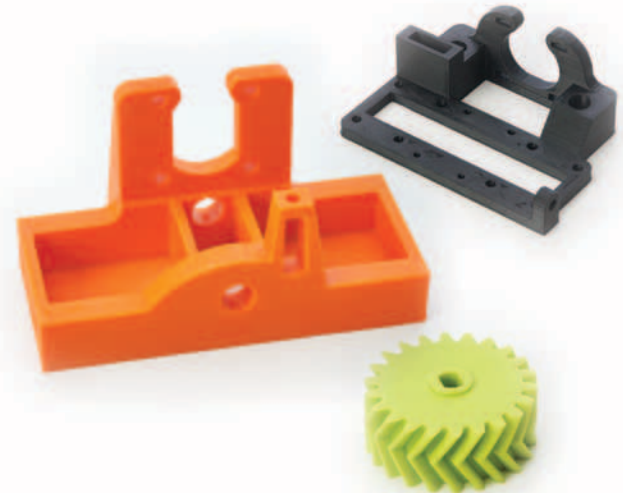
TAZ is engineered for quality and tested for the long haul. As the most dependable desktop 3D printer on the market, TAZ requires minimal maintenance — helping you advance productivity and reduce costs. TAZ prints fine layer heights at speeds faster than most of the competition, is perfect for small manufacturing and comes with self-lubricating bushings. It's also the quietest printer on the market.

Ready, set, print.

Ask and you shall receive. With our advanced and flexible supply chain, there's no need to wait around for your TAZ. Unlike other desktop 3D printers on the market, which can take months to ship, we've bypassed logistic complexities and ship products efficiently and on time. Reduce your downtime waiting for packages to arrive and start creating.

- The most dependable desktop 3D printer on the market
- Stable and robust — print your own replacement parts and customizations
- Publicly available free software allows for immediate upgrades
- Support, with real live people, is quick and responsive
- Shipping from the US, UK, and Canada makes international orders less expensive and more efficient

Long Live Libre.



TAZ Desktop 3D Printer

Finally, quick and cost-effective rapid prototyping and low-volume production is available for your desktop. TAZ is perfect for product development in research and development organizations and for those companies looking to reduce the manufacturing costs of their low-volume products.

TAZ is an ideal alternative to the high-dollar additive manufacturing systems on the market today and is designed specifically for business innovators and inventors. Exceptional print quality, reliability, ease of use, compact size, large print area, pre-calibrated, low maintenance, industry-leading print speed, 90-day warranty – **TAZ gets the job done.**

Specifications:

Printing

Print Area: 298mm x 275mm x 250mm
(11.7in x 10.8in x 9.8in)

Print Volume: 20,500cm³ (1,238 in³) of usable space

Top Print Speed: 200mm/sec (7.9in/sec)

Print Tolerance: 0.1mm (0.0039in) in X and Y axes;
Z axis is dependent on layer thickness

Layer Thickness: 0.075mm – 0.35mm
(0.003in – 0.0138in)

Supported Materials: ABS, PLA, HIPS, PVA plastic,
and wood filaments

Usable Filament Sizes: Standard 3mm (0.1in)

Physical Dimensions

Overall Dimensions: 680mm x 520mm x 515mm
(26.8in x 20.5in x 20.3in)

Weight: 11kg (24.25lbs)

Electrical

Power Requirements: 110 – 240 VAC

Temperature: Max operating temperature
(extruder): 240C (464F); max heat bed temperature:
120C (248F)

Your TAZ 3D printer package includes:

Your printer comes with complete documentation, including a detailed manual with information for unpacking the printer, setup, downloading and using software, and starting your first print.

Filament reel holder

Toolkit bag

15 piece metric hex key set

13mm wrench

Pliers, needle nose

Tweezers

Standard precision knife

Dental pick

Flathead bristle brush

Part removal knife (clam knife)

Metric ruler

Acetone-safe bottle (acetone not included)

No-maintenance Budaschnozzle: 0.35mm nozzle

90-day warranty

90-day support

Libre Hardware

Bill of materials

Printed part source files, STLs, and G-Code

Part specifications

Electronics schematics

Printed manual with Slic3r documentation

RepRap derived

Available at <http://download.lulzbot.com/TAZ>

Free Software

Marlin firmware

Slic3r G-Code generator

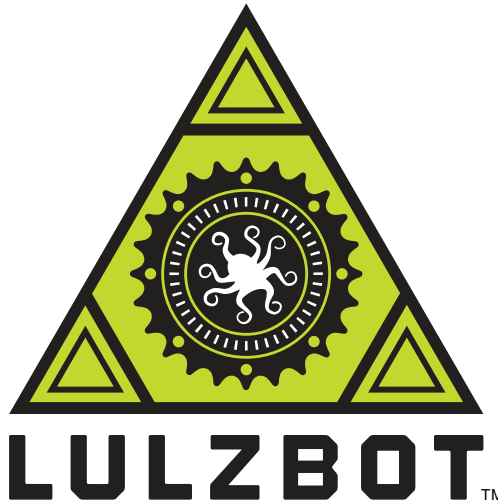
Pronterface host software

Workstation Compatibility

GNU/Linux, Mac OS, Windows

Forum.LulzBot.com

Post issues, share ideas, collaborate with and learn from the online community of 3D printer users in our online forum.



www.LulzBot.com

For more information, call **+1-970-377-1111** or email sales@lulzbot.com

123 SW 12th Street, Loveland, Colorado 80537 USA

LulzBot is a trademark of Aleph Objects, Inc.

©2013 Aleph Objects, Inc.



Free software, libre hardware, collaborative communities:



fsf.org/ryf



RepRap



Slic3r



FreeCAD



OpenSCAD



Printrun



debian



UltiMachine



open hardware



fsfla.org



Průša Research s.r.o.

open
invention
network