Specifications

Printing

Print Technology
Fused Filament Fabrication

Print Area
280mm x 280mm x 250mm (11.02in x 11.02in x 9.8in)

Print Volume
19,600cm³ (1,185in³)

Recommended Operating Temperature
From 5 °C to 45 °C (41 °F to 113 °F)

Operating Footprint
82cm x 65.5cm (32.28in x 25.8in)

Operating Sound Level
45-55dB

Maximum Movement Speed
300mm/s

Print Surface Leveling
Automatic Compensation

Connectivity
USB and Included 8GB SD Card

Extruder/Hot End
LulzBot v2 All Metal Hot End

Nozzle Diameter
0.5mm

Filament Diameter
2.85mm

Maximum Extrusion Rate
16mm³/s

Nozzle Material
Beryllium Copper

Nozzle Temperature
Up to 290 °C (554 °F)

Nozzle Heat Up Time
From 27 °C to 230 °C (80 °F to 446 °F) in 2 minutes, 55 seconds

Print Surface
Heated Borosilicate Glass with PEI Surface

Maximum Print Surface Temperature
Up to 120 °C (248 °F)

Print Surface Heat Up Time
From 27 °C to 100 °C (80 °F to 212 °F) in 7 minutes, 11 seconds

Layer Resolution
0.05mm-0.4mm (0.002in-0.016in)

Minimum Positive Feature Size
0.5mm (0.02in)
Physical Dimensions

Boxed Unit Weight
19.5kg (43lbs)

Unit Weight
14.97kg (33lbs) without filament spool

Dimensions with reel
82cm x 63cm x 52cm
(32.28in x 24.8in x 20.47in)

Optional Upgrades

Aerostruder
Print both rigid and flexible materials with this versatile tool head.

MOARstruder
A high output tool head for high-speed, high-strength prints.

Dual Extruder v3
Dual nozzles designed to utilize soluble support material and allow for geometric freedom.

Aerostruder v2 Tool Head Line
The next generation of modular tool heads allow for easy tool head swapping and a variety of nozzle sizes to fit every project. An Aerostruder v2 Adapter Kit is required to install Aerostruder v2 tool heads on the TAZ 6.

Learn more about tool head upgrades at https://www.lulzbot.com/store/tool-heads

Materials

Open filament system compatibility
PLA, Natural and Metal PLA Blends, ABS, PETG, nGen, INOVA-1800, HIPS, t-glase, Alloy 910, Polyamide, Nylon 645, Polycarbonate, PC-Max, PC+PBT, PC-ABS Alloy, PCTPE, and more.

Software

Operating System Compatibility
GNU/Linux, Mac, Windows

Recommended Software
Cura LulzBot Edition Version 3.2 or newer

Firmware
Marlin

Supported File Types
.stl, .obj, .g, .gcode, .x3d, .3mf, .png, .jpg

Electrical

Power Requirements
100VAC-240VAC

Output
24 volt DC, 500 watts, 21 amps

Power Supply
Auto-switching MEAN WELL RSP-500-24

Safety and Compliance

Certifications
FCC, CE, WEEE, OSHWA, FSF-RYF

Warranty
Includes one-year warranty and access to technical support seven days a week. Optional one, two, or three-year extended warranty and support terms are available.

Country of Origin
Made in USA from domestic and imported components.

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