

AFINIA 3D

Out-of-the-Box 3D Printing Experience For Engineers, Educators and Hobbyists

Key Features

- Free lifetime tech support
- Ready to use Out-of-the-Box
- Fully assembled
- Auto Leveling Platform Calibration, and Nozzle Height Detection
- High quality, non-proprietary, inexpensive plastic filament
- Heated Platform



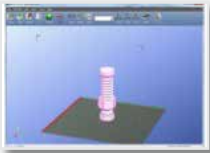
Get Started in 3 Easy Steps

- Ready to print within minutes!

1. Install included software

2. Load Filament

3. Calibrate Nozzle and Platform



Specifications

Contents

- Afinia H480 3D Printer
- Easy-to-Use 3D Printer Software
- 3 Perf Boards for the platform
- Handling tools
- Full Spool of ABS plastic (700g)

Software

- PC: Win XP, Vista (32- and 64-bit), Windows 7/8/8.1 (32- and 64-bit)
- Mac: 10.6 – 10.8

Printing

- Build Volume: 140 x 140 x 135mm
- Vertical Resolution: 0.15 – 0.40mm
- Print Material: ABS, PLA
- Filament Diameter: 1.75mm
- Heated Platform

Electrical

- Power: 100-240VAC, 2.5A, 50-60Hz
- Connection: USB 2.0 (Printer may be disconnected once print begins for standalone use.)

Operation

- Easy-to-use single software interface to:
 1. Load one or more .STL files
 2. Scale, Rotate, Move the models to fit the virtual platform
 3. Choose your Layer Thickness, Fill and Support parameters
 4. Print in either Normal, Fast or Fine speed

Physical

- Dimensions: 245 x 260 x 350mm
- Weight: Under 11 lbs.
- Environmental Temperature: 60°F to 85°F recommended
- Relative Humidity: 20 – 50% recommended

File Input

- Input Format: STL, UP3, UPP
- Most CAD software supports output to STL such as Autodesk, Solidworks, Sketchup, Tinkercad, Blender, openSCAD
- There is an extensive online community for downloading and sharing 3D model files



"The Afinia H-Series Desktop 3D printer is the most approachable model we've reviewed, and we'd recommend it to anyone serious about getting started with 3D printing."

~Rich Brown, Senior Editor cnet.com