AFINIA 3D™

H440

Afinia™ H440 3D Printer

- ▶ **Whisper quiet printing**
- ▶ **Simple, automatic platform leveling**
- ▶ **4.3 inch color LCD touchscreen**
- ▶ **WIFI and USB connectivity**
- ▶ **Heated reversible platform** *(glass/perf)*
- ▶ **HEPA and activated carbon filtration**
- ▶ **Build volume - 7.9 x 7.9 x 7.9 inches**
- ▶ **Works with PLA, ABS, PC, TPU and third-party filaments**
- ▶ **Print queue for multiple jobs**
- ▶ **Lost power print recovery**
- ▶ **100 micron print resolution**
- ▶ **Out of filament detection**

A simple, solid, & feature-rich 3D printer.

The new Afinia H440 3D printer is the ultimate in affordability, reliability, and ease of use.

It's perfect for educators, hobbyists, and engineers who want a hassle-free out-of-the-box experience.

INDUSTRY LEADING • ONE YEAR • WARRANTY

The H440 3D Printer has WIFI, top-of-the-line air filtration, and a full-color touchscreen display

BUILT FOR A GREAT DESKTOP AND EDUCATION EXPERIENCE

The Afinia H440 is the great for desktop 3D printer for use in classroom environments or by the everyday in-home user. A fully-enclosed HEPA and new activated carbon air filtration system removes potential toxins to keep the air clean and breathable. The H440 has an intuitive 4.3 inch LCD touchscreen display and useful features like the ability to queue multiple print jobs.

The Afinia H440 is shipped fully assembled and ready to use. With the included Afinia 3D Studio—our free, powerful, and intutive software—you'll be 3D printing in no time.

Specifications

Printing Technology	MEM (Melted Extrusion Modeling)
Extruder	Single
Nozzle Diameter	0.4 mm
Buildplate Max Temperature	100°C
Connectivity	USB Cable and WIFI
Touch Screen	4.3" LCD Screen
Build Volume	200 x 200 x 200 mm (XYZ) 7.9 x 7.9 x 7.9 in
Calibration and Leveling	Automatic
Layer Resolution	0.1 / 0.15 / 0.2 / 0.25 / 0.3 / 0.35 mm
Buildplate Surface	Reversible Heated (Perforated / Flex)
Dual Filtration System	HEPA and Activated Carbon Filter
Print Resume On Power Interrupt	Yes
Pause to Change Filament Type	Yes
Out of Filament Detection	Yes
Filament	ABS, ABS+, PLA, TPU and 3rd Party
Filament Diameter	1.75 mm
Filament Spool Compatibility	500g, 1kg or 2kg
Operating Sound	47 db Ultra Quiet

Software

Software	Afinia Studio 2.6.39
Supported OS	Windows 7 or later Mac OS X, iOS8 or later
Supported File Formats	.tsk, .up3, .usp, .stl, .obj, .3mf, .ply, .off, .3ds

Special Features

- Preview Support Structures
- Print Queue
- Power Loss Recovery
- Door Open Pause Protection

Dimensions

Machine Dimensions
487 x 423 x 550 mm
19 x 17 x 22 in

Net Weight
20 kg 49 lbs

Environment

Operating Ambient Temperature
15-30°C, 20-70% RH non

Requirements

Power Input
110 - 240 VAC, 50-60 Hz