



# AFINIA 3D™

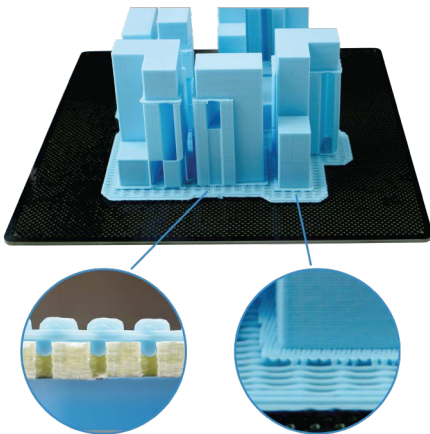
Out-of-the-Box 3D Printing Experience for Educators, Engineers, and Hobbyists



## AFINIA™ H+1 3D PRINTER

- ▶ **Material-specific printhead system for optimal quality and compatibility**
- ▶ **Circulating dual-filtered system**
- ▶ **Automated leveling and height sensing**
- ▶ **2-sided interchangeable build plates**
- ▶ **Power loss print recovery filament run-out detection**
- ▶ **Customizable temperature controls & filament profiles**
- ▶ **Print queue for auto job management**
- ▶ **Large build volume (10x8x8.8 inches)**
- ▶ **Enclosed, heated platform & chamber**
- ▶ **Smart support material technology**
- ▶ **Multiple connectivity options (WiFi, USB, LAN, & USB Flash Drive)**

### ▶ **New to the H+1**



### **Versatility meets precision performance.**

The Afinia H+1 3D printer combines a large build volume with consistency of performance. Material-specific printheads are included, ensuring optimal print quality and compatibility across a wide range of filament types.

The H+1 builds on the rich feature set of other Afinia 3D Printers to offer more control and precision than ever before.





# AFINIA 3D™



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

## IDEAL FOR EDUCATORS, ENGINEERS, AND HOBBYISTS

The Afinia H+1 is perfect for serious educators, engineers, and hobbyists. With intuitive software and features like fully-automated platform leveling, material-specific printheads, dual air filtration, and more, the H+1 is a top-of-the-line 3D printer. Plus, Afinia offers unbeatable and unlimited lifetime phone support, and a one-year warranty.

The H+1 belongs to the award-winning line of H-series desktop 3D printers, which have been praised again and again by industry authorities:

*“Best Overall,” “Easiest to Set Up,” “Easiest to Use,” “Reliable Performer,”* and *“Best for Schools”* - **MAKE Magazine’s 3D Printer Shootout awards**

*“Printing Excellence Award”* - **TechZone 360**



## SPECIFICATIONS

<b>Build Volume</b>	10" W x 8" D x 8.8" H (255 x 205 x 225mm)	<b>Dimensions</b>	19.6" W x 18.1" D x 20.5" H (460 x 500 x 523mm)
<b>HD Print Quality</b>	0.05mm (100 micron), 0.1 mm, 0.15 mm, 0.2mm, 0.25mm, 0.3mm, 0.35mm, 0.4mm	<b>Weight</b>	66.2 lbs (30 kg)
<b>Smart Support</b>	Support material automatically created by 3D printing software	<b>Power</b>	110-220VAC, 50-60Hz, 220W; With power loss print recovery
<b>Safety</b>	Built-in HEPA and activated carbon filters remove microfine particles	<b>Connectivity</b>	WIFI, USB, USB Flash Drive, LAN (with ability to disconnect from computer when print job starts)
<b>Display</b>	4.3" full-color touchscreen LCD	<b>Materials</b>	1.75mm ABS, PLA, TPU, PC, PETG, or Flexible Filament; With filament run-out protection <small>(included: 1 x 500g spool of filament)</small>
<b>File Formats</b>	.stl, .obj, .3mf, .up3, .ups, .ply, .off, .3ds, .gcode	<b>Software</b>	Windows 7 or higher (32/64 bit) and MAC OSX 10.7+, iOS



HEPA and activated carbon  
dual air filtration system



Available online at  
[store.afinia.com](http://store.afinia.com)

