



AFINIA 3D™

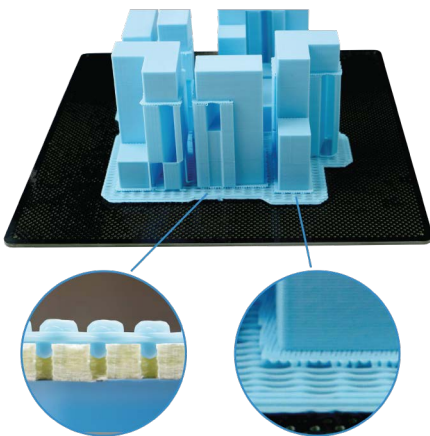
Out-of-the-Box 3D Printing Experience for Educators, Engineers, and Hobbyists



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

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

