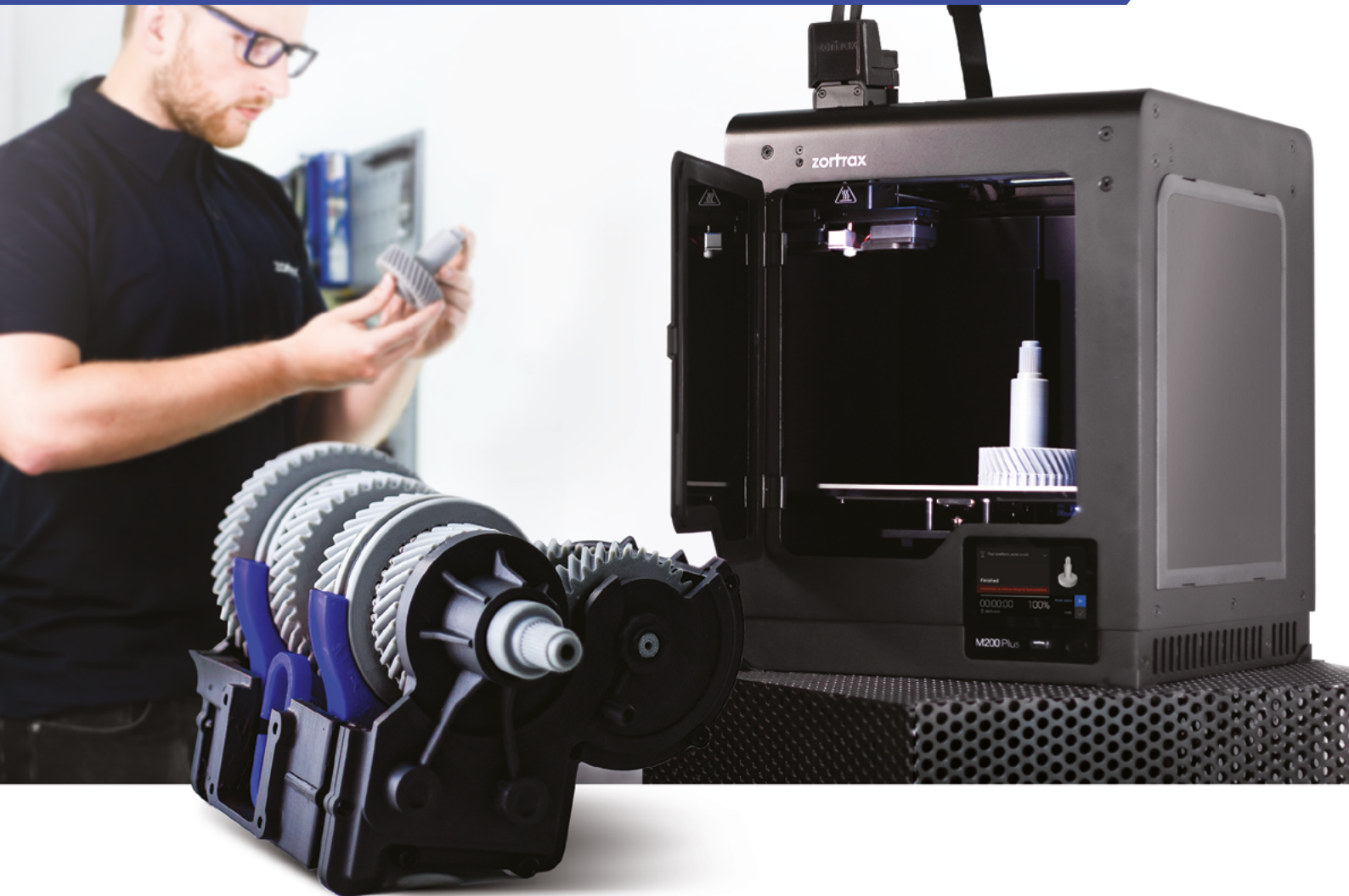




# Zortrax M200 Plus

HIGH PERFORMANCE FDM 3D PRINTER



## Manufacturing Powerhouse

Zortrax M200 Plus is a high-performance desktop 3D printer with wireless connectivity. It's designed to work in large 3D printing farms as a powerhouse of rapid prototyping, design, and production. The printer works in the LPD technology, Zortrax original take on Fused Deposition Modeling (FDM) guaranteeing high quality results and low maintenance. It deposits melted thermoplastic filaments layer by layer to turn digital models into physical objects. FDM is the most cost-efficient technique of 3D printing on the market, which makes it perfect for rapid prototyping and manufacturing without putting extensive strains on the budget. Designed as a basic production unit for a 3D printing farm, Zortrax M200 Plus is made for reliable, unsupervised operation over long periods of time. Dedicated Z-SUITE software has all the features necessary for remote management of multiple M200 Plus 3D printers over Wi-Fi to efficiently cope with scalable, flexible rapid manufacturing.

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Zortrax M200 Plus is a high-performance FDM 3D printer designed to work in large 3D printing farms.

## Economics Behind Farming

Multiple Zortrax M200 Plus 3D printers connected into a 3D printing farm can help optimize rapid manufacturing, prototyping, and design. They speed up the low-volume production by increasing the number of products that can be made in one go. Research and development staff can quickly test different variations of their designs to find the best possible solutions while designers are free to print their concepts on any of the available printers at any given time. Zortrax M200 Plus is more than capable of working in large established corporations and small businesses alike.

## Zortrax M200 Plus Main Features

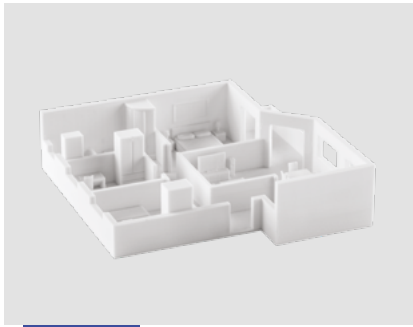
- › Workspace measures 200x200x180 mm
- › Wi-Fi and Ethernet connectivity
- › Can work in 3D printing farms
- › Offers advanced remote management
- › Has a filament endstop mechanism
- › Has a built-in camera
- › Has an Intuitive LCD touchscreen

## Zortrax Ecosystem

Zortrax Ecosystem comprises of Z-SUITE slicing software and dedicated 3D printing filaments designed to seamlessly work with the printers. External materials are also supported to cater to advanced users in highly specialized fields. The Ecosystem is easy to operate for untrained staff, but can also be highly customized by those who want to go beyond the default settings. That's why it's a comprehensive solution for efficient prototyping and manufacturing.

- › Cooling system has been upgraded (double fan and extruder cooling)
- › Extruder has been upgraded (redesigned hotend v3 and nozzle with new geometry)
- › Offers compatibility with flex-type materials
- › Works with wide range of dedicated filaments
- › Supports third-party filaments

# Applications



## Architecture

A 3D printer is becoming more and more indispensable in architecture modeling. Scale models for large landscape mock-ups, concepts of buildings or apartments' cross-sections can be effortlessly 3D printed down to a millimeter precision.



## Engineering and Medicine

Prototyping machines and intricate mechanisms is what 3D printers are usually used for in all fields of engineering. Personalized, custom-made lab equipment or prototypes of surgical tools can also be 3D printed when needed.



## Consumer Electronics

Each piece of consumer electronics goes through an extensive prototyping stage before hitting the market. A 3D printer allows to get the product exactly right by quickly iterating through tens of different designs without putting a strain on the budget.

# Zortrax M200 Plus Technical Data

Device	
<b>Build volume</b>	200 x 200 x 180 mm (7.9 x 7.9 x 7.1 in)
<b>Material container</b>	Spool
<b>Material diameter</b>	1.75 mm (0.069 in)
<b>Nozzle diameter</b>	0.4 mm (0.016 in)
<b>Support</b>	Mechanically removed - printed with the same material as the model
<b>Extruder</b>	Single (upgraded for more demanding materials)
<b>Extruder cooling system</b>	Radial fan cooling the extruder block; two fans cooling the print
<b>Hotend</b>	Redesigned (v3), new geometry of the nozzle
<b>Material endstop</b>	Mechanical
<b>Platform</b>	Perforated, equipped with pogo pins
<b>Connectivity</b>	Wi-Fi, Ethernet, USB
<b>Operating system</b>	Android
<b>Processor</b>	Quad Core
<b>Touchscreen</b>	4" IPS 800 x 480
<b>Camera</b>	Yes
<b>External materials</b>	Applicable

Software	
<b>Software bundle</b>	Z-SUITE
<b>Supported input file types</b>	.stl, .obj, .dxf, .3mf
<b>Supported operating systems</b>	Mac OS X / Windows 7 and newer versions

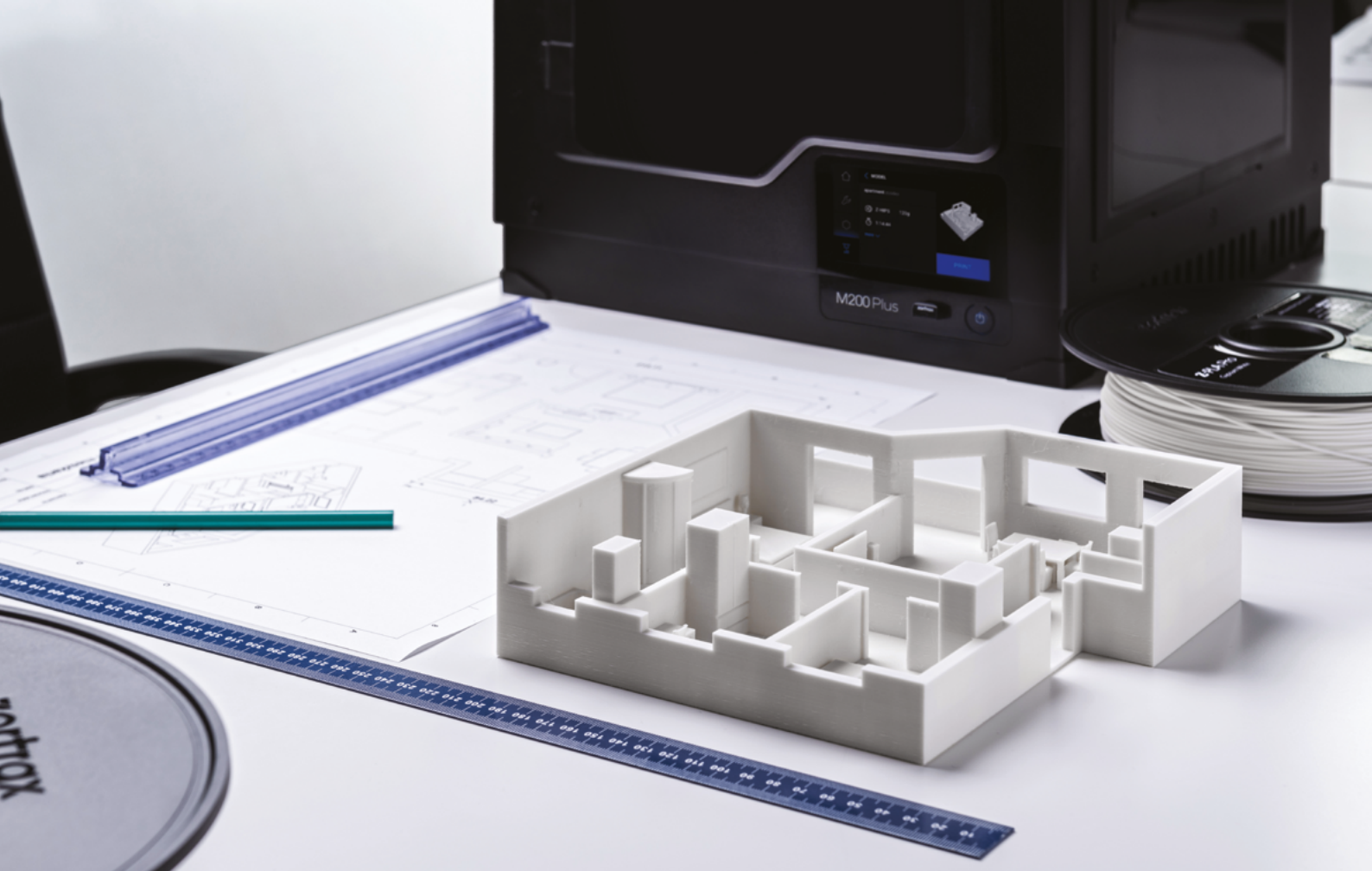
Printing	
<b>Technology</b>	LPD (Layer Plastic Deposition) – depositing melted material layer by layer onto the build platform
<b>Layer resolution</b>	90 - 390 microns
<b>Minimal wall thickness</b>	400 microns
<b>Platform levelling</b>	Automatic measurement of platform points' height

Temperature	
<b>Maximum printing temperature (extruder)</b>	290° C (554° F)
<b>Maximum platform temperature</b>	105° C (221° F)
<b>Ambient operation temperature</b>	20 - 30° C (68 - 86° F)
<b>Storage temperature</b>	0 - 35° C (32 - 95° F)

Electrical	
<b>AC input</b>	110 V ~ 5.9 A 50/60 Hz ; 240 V ~ 2.5 A 50/60 Hz
<b>Maximum power consumption</b>	320W

In the box
3D Printer, Hotend V3, Side Covers, Z-SUITE, Starter Kit, spool of material, improved spoolholder

Additional information
All information contained in this brochure and specification is subject to change without notice.



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Choose your country and you will get the list of resellers closest to your place of residence.

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