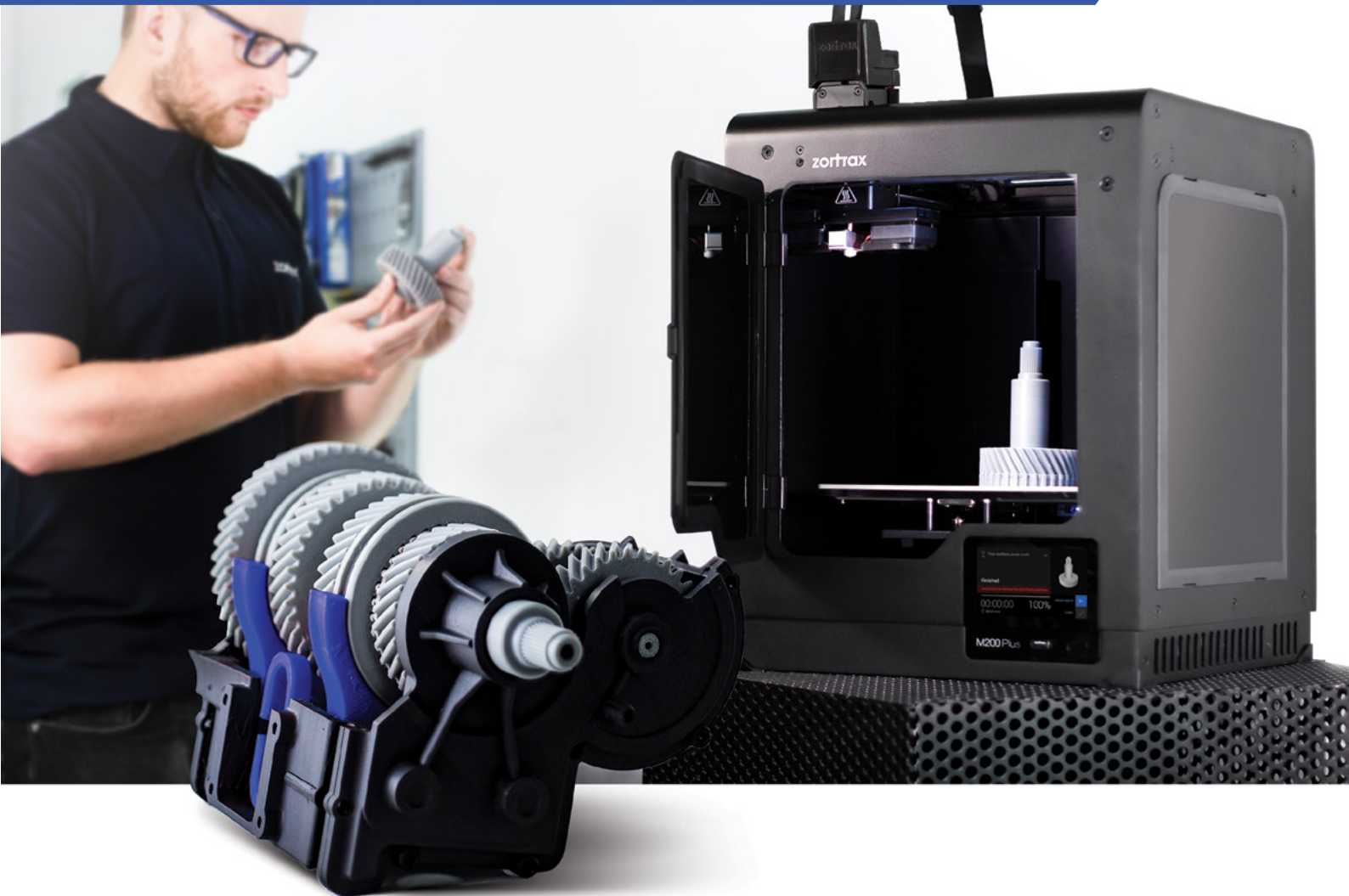




# Zortrax M200 Plus

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 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 necessary features for remote management of multiple M200 Plus 3D printers over Wi-Fi to efficiently cope with scalable, flexible rapid manufacturing.

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## 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 to work in large established corporations and small businesses alike.

## 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 for 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.

## Heritage of Quality

M Series 3D printers laid the foundation for what Zortrax is today. They have won numerous industry awards and earned worldwide recognition finding their way to Bosch and NASA among others. Zortrax M200 Plus is the latest generation of Zortrax flagship 3D printers that have become the epitome of quality for professionals around the globe.

## 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>Available materials</b>	Z-ULTRAT, Z-HIPS, Z-GLASS, Z-PETG, Z-ESD, Z-PCABS, Z-ABS, Z-ASA Pro, Z-PLA Pro, Z-SEMIFLEX
<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

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

Additional information
Each delivered printer may have worked up to 50 hours during the quality control test prints.
All information contained in this brochure and specification is subject to change without notice.

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

Weight and physical dimensions	
<b>Without a spool (W x D x H)</b>	350 x 360 x 505 mm (13.8 x 14.2 x 19.9 in)
<b>With a spool</b>	350 x 430 x 505 mm (13.8 x 16.9 x 19.9 in)
<b>Shipping box</b>	470 x 480 x 570 mm (18.5 x 18.9 x 22.4 in)
<b>Device weight</b>	16 kg (32 lb)
<b>Shipping weight</b>	26 kg (57.3 lb)

# Zortrax M200 Plus

## HIGH PERFORMANCE FDM 3D PRINTER

### Contact your local Reseller

Find your local Reseller at [zortrax.com/resellers](https://www.zortrax.com/resellers).  
Choose your country and you will get the list of resellers closest to your place of residence.

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