Specification

SOURCE:
https://support.zortrax.com/specification-m200-plus/

The following table summarizes all technical specifications and operational characteristics of the Zortrax M200 Plus.

Without a Spool	350 x 360 x 505 mm [13.8 x 14.2 x 19.9 in]
With a Spool	350 x 430 x 505 mm [13.8 x 16.9 x 19.9 in]
Shipping Box	470 x 480 x 570 mm [18.5 x 18.9 x 22.4 in]
Shipping Weight	26 kg [57.3 lb]
Printer Weight	16 kg [32 lb]
Technology	LPD (Layer Plastic Deposition) – depositing melted material layer by layer onto the build platform
Layer Resolution	90 – 390 microns
Minimal Wall Thickness	400 microns
Dimensional Accuracy	+/- 0.2%*
Angle Accuracy	+/- 0.2%**
Platform Levelling	Automatic measurement of platform points' height
Build Volume	200 x 200 x 180 mm [7.9 x 7.9 x 7.1 in]
Material Container	Spool
Material Diameter	1.75 mm [0.069 in]
Nozzle Diameter	0.4 mm [0.016 in]
Support	Mechanically removed – printed with the same material as the model
Extruder	Single (upgraded for more demanding materials)
Extruder Cooling System	Radial fan cooling the extruder block; two fans cooling the print
Hotend	Redesigned (v3), new geometry of the nozzle
Material Endstop	Mechanical
Platform	Perforated equipped with pogopins
Connectivity	USB, Ethernet, WIFI
Operating System	Android
Processor	Quad Core
Touchscreen	4? IPS 800 x 480
Camera	Yes
Available Materials	Full offer is available at: zortrax.com/materials/zortrax-m-series/
External Materials	Applicable

Maximum Printing Temperature	290? C [554? F]
Platform	Heated
Maximum Platform Temperature	105? C [221? F]
Ambient Operating Temperature	20 – 30? C [68 – 86° F]
Storage Temperature	0 – 35? C [32 – 95° F]
AC Input	110V ~ 5.9A 50/60Hz 240V ~ 2.5A 50/60Hz
Maximum Power Consumption	320 W
Software Bundle	Z-SUITE 2®
Supported File Types	.stl, .obj, .dxf, .3mf
Output file types	.zcodex
Supported Operating Systems	Mac OS X / Windows 7 and newer versions

*It should be noted that the model’s dimensions strongly depend on the technical condition of the printer as well as the shape, form and size of a print, the material used and the printing process conditions. The accuracy in Z axis does not include a tolerance of +/- one layer. Bear in mind errors of measurement and measuring equipment.
**measurements were taken with an angle of 90?