

# Specification

SOURCE:

<https://support.zortrax.com/m300-plus-specification/>

The following table summarizes all technical specifications and operational characteristics of the Zortrax M300 Plus.

Build Volume	300 x 300 x 300 mm [11.8 x 11.8 x 11.8 in]
Nozzle Diameter	0.4 mm [0.016 in] – standard / 0.3 mm [0.012 in] / 0.6 mm [0.024 in]
Extruder	Single (compatible with demanding materials, e.g. TPU or nylon)
Extruder Cooling System	Radial fan cooling the extruder block; two fans cooling the print
Hotend Platform	Single (v3) Heated; perforated and glass plates are applicable
Material Endstop	Mechanical
Connectivity	Wi-Fi, Ethernet, USB
Operating System	Android
Processor	Quad Core
Touchscreen	4? IPS 800 x 480
Camera	Yes
Technology	LPD (Layer Plastic Deposition) – depositing melted material layer by layer onto the build platform
Layer resolution	90 – 390 microns (for 0.4 mm / 0.016 in nozzle)
Minimal wall thickness	450 microns (for 0.4 mm / 0.016 in nozzle)
Platform levelling	Automatic measurement of platform points' height
Available Filaments	Full offer is available at: <a href="#">filaments</a>
External filaments Support	Applicable Mechanically removed – printed with the same material as the model
Filament container	Spool
Filament diameter	1.75 mm (0.069 in)
Maximum Printing Temperature (Extruder)	290° C [554° F]
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	110 V ~ 5.9 A 50/60 Hz 240 V ~ 2.5 A 50/60 Hz
Maximum Power Consumption	360 W
Software Bundle	Z-SUITE
Supported File Types	.stl, .obj, .dxf, .3mf, .ply
Supported Operating Systems	Mac OS Catalina and newer versions / Windows 10 and newer versions

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