

M300 Dual Product Specification

Device Features	
Build Volume	265 x 265 x 300 mm (10.4 x 10.4 x 11.8 in)
Nozzle diameter	0.4 mm (0.016 in)
Extruder	Dual material extruder with material jam detection
Extruder cooling system	Two fans cooling the extruder; radial fan cooling the print
Hotend	Dual material hotend
Platform	Perforated x1 / Glass x1, heated
Material Endstop	2 x Mechanical
Connectivity	Wi-Fi, Ethernet, USB
Operating System	Android
Processor	Quad Core
Touchscreen	4" IPS 800 x 480
Camera	Yes
Electrical	
AC input	110 V ~ 5,9 A 50/60 Hz ; 240 V ~ 2,5 A 50/60 Hz
Maximum power consumption	400 W
Software	
Software Bundle	Z-SUITE
Supported input file types	.stl, .obj, .dxf, .3mf
Supported operating system	Mac OS X / Windows 7 and newer versions
In the box	
3D Printer, Side Covers, Z-Suite, Starter Kit, 2 spools of material, 2 spoolholders, MaterialBox	
Printing	
Technology	LPD Plus (Layer Plastic Deposition Plus) – advanced technology with the system of Dissolvable Support Structures

Layer resolution	100 - 300 microns (for 0.4 mm 0.016 in nozzle)
Minimal wall thickness	400 microns (for 0.4 mm 0.016 in nozzle)
Platform leveling	Automatic measurement of platform points height / manual measurement of platform points height
Temperature	
Maximum printing temperature (extruder)	310° C (590° F)
Maximum platform temperature	105° C (221° F)
Ambient operation temperature	20 - 30° C (68- 86° F)
Storage temperature	0 - 35° C (32- 95° F)
Filaments	
Dedicated filaments	Z-Nylon, Z-ABS, Z-ULTRAT, Z-PETG, Z-GLASS, Z-PLA, Z-ULTRAT PLUS, Z-SUPPORT PREMIUM
External filaments	Applicable
Support	Mechanically removed - printed with the same material as the model / Dissolvable – printed with a different material than the model
Filament container	Spool
Filament diameter	1.75 mm (0.069 in)