

Specification

SOURCE:

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

The following table summarizes technical specification and operational characteristics of the Zortrax M300 Dual.

Device	
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] – standard, 0.6 mm [0.024 in]
Extruder	Dual, printing with model and support material
Extruder Cooling System	Two fans cooling the extruder; radial fan cooling the print
Hotend	Dual
Platform	Heated; perforated and glass plates are applicable
Material Endstop	2 x mechanical
Connectivity	Wi-Fi, Ethernet, USB
Operating System	Android
Processor	Quad Core
Touchscreen	4? IPS 800 x 480
Camera	Yes
Printing	
Technology	LPD Plus (Layer Plastic Deposition Plus) – advanced technology depositing melted thermoplastics with dissolvable support structures
Layer Resolution	150 – 300 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 / manual measurement of platform points' height
Filaments	
Available Filaments	Full offer is available at: filaments
External filaments	Applicable
Support	Mechanically removed – printed with the same material as the model Water-soluble – printed with a different material than the model
Filament container	Spool
Filament diameter	1.75 mm (0.069 in)
Temperature	

Maximum printing temperature (extruder)	310° C [590° 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]
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 File Types	.stl, .obj, .dxf, .3mf, .ply
Supported Operating Systems	Mac OS Mojave* / Windows 7 and newer versions
Additional Information	
Each delivered printer may have worked up to 90 hours during the quality control test prints	

*Since the release of macOS Big Sur, we've been developing Z-SUITE's best possible operation on this system and all its future updates. The available version is fully functional, however minor bugs may occur.