

Description

Large-volume dual-extrusion

Zortrax M300 Dual relies on the dual-extrusion LPD Plus technology to simultaneously print with base and water-soluble support filaments in a large build volume measuring 265x265x300 mm.

Fail-safe 3D printing

The M300 Dual can detect a power outage, jammed filament, and material running out. In each case it pauses the print and saves the exact position of the printing head. This way your work can be resumed from the same spot when the problem has been dealt with.

Interchangeable build-platforms

With a capacitive displacement sensor the M300 Dual can automatically calibrate to work with glass, perforated, or other types of build platforms. This way it's possible to customize the printer for the project at hand.

Worldwide warranty

Thanks to the global warranty and a network of Zortrax partners running service centers around the world, all users are provided with extensive technical support and assistance for each Zortrax device.

Zortrax Speed Mode

Zortrax Speed Mode is a fully free feature available in the latest firmware update for M Series Plus and M300 Dual 3D printers, that allows speeding up your printing even up to 3 times.

Specification

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

Hotend

Dual

Platform

Heated

Material Endstop

2 x mechanical

Connectivity

Wi-Fi
USB
Ethernet

Operating system

Android

Processor

Quad Core

Touchscreen

4" IPS 800 x 480

Camera

Yes

FILAMENTS

Dedicated for single extrusion

Z-ABS, Z-ASA Pro, Z-ESD, Z-FLEX, Z-GLASS, Z-HIPS, Z-NYLON, Z-PETG, Z-PLA, Z-PLA Pro, Z-ULTRAT, BASF Ultrafuse® PAHT CF15, BASF Ultrafuse® PP GF30, BASF Ultrafuse® PET CF15, 3DXTECH CarbonX PET-G+CF, Kimya PETG Carbon, Nanovia PETG CF, Nanovia PC-ABS V0

Dedicated for dual extrusion

Z-ABS, Z-ASA Pro, Z-ESD, Z-FLEX, Z-NYLON, Z-GLASS, Z-PETG, Z-PLA, Z-PLA Pro, Z-SUPPORT ATP, Z-SUPPORT Premium, Z-ULTRAT, BASF Ultrafuse® PAHT CF15, BASF Ultrafuse® BVOH, Nanovia PC-ABS V0, BASF Ultrafuse® 17-4 PH, BASF Ultrafuse® 316L, BASF Ultrafuse® Support Layer, BASF Ultrafuse® ABS.

External materials

Applicable

Support

Mechanically removed – printed with the same material as the model.
Soluble – printed with a different material than the model

Filament container

Spool

Filament diameter

1.75 mm (0.069 in)

IN THE BOX

3D Printer, Side Covers, Z-SUITE, Starter Kit, Spool of Model Material, Spool of Support Material, 1x Perforated Plate, 1x Glass Plate, 2x Spool Holders, Material Box, USB Memory Stick

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)
300-500 microns (for 0.6 mm / 0.024 in nozzle)

Minimal wall thickness

450 microns (for 0.4 mm / 0.016 in nozzle)

Platform levelling

Automatic or 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)

ELECTRICAL**AC Input**

110V ~ 5.9 A 50/60 Hz
240V ~ 2.5 A 50/60 Hz

Maximum power consumption

400 W

SOFTWARE

Software bundle

Z-SUITE

Supported input file types

.stl, obj, .dxf, .3mf, .ply

Supported operating system

Mac OS Catalina and newer versions
Windows 10 and newer versions

ADDITIONAL INFORMATION

All information contained in this brochure and specification is subject to change without notice. Each delivered printer may have worked up to 90 hours during the quality control test prints.

Video Link :-

[https://www.youtube.com/watch?v=z](https://www.youtube.com/watch?v=zAOZ_fyiEtc)

AOZ_fyiEtc