



Small-scale production



Cost-efficient prototyping



Prosthetics & orthotics



Pre-surgical planning models



Educational aids

zortrax

M200 Plus

Basically reliable 3D printer



Zortrax M200 Plus 3D printer

Extrusion



Single

Resolution

90-390 microns



Build volume

200 x 200 x 180 mm
7.9 x 7.9 x 7.1 in

› Designed for hard work

The M200 Plus LPD 3D printer has been made with high-quality components to offer class-leading reliability and low maintenance costs. This machine is a versatile, affordable 3D printing solution that can work for many hours without a single failure.

› Fail-safe design

The industrial-grade extruder in the M200 Plus is compatible with a wide range of filaments. Functionalities like efficient cooling system or a heated build-platform guarantee dimensional accuracy while the filament endstop mechanism pauses the print and notifies the user when the filament runs out.

› Made for 3D printing farms

Large clusters of remotely controlled 3D printers can offer significant prototyping and small to medium scale production capabilities. The M200 Plus has Wi-Fi and Ethernet connectivity which make it great as a basic manufacturing unit in a 3D printing farm.

› Easy to control

The M200 Plus can be operated remotely or through an intuitive touch screen fitted in the front panel. The printing process can be monitored at all times with a camera installed in the printing chamber. The machine can be set up and operated with no prior 3D printing experience.



Medical winch for fiber laser closing of varicose veins



End-use drill-driver casing



Artificial human heart model



Functional headphones prototype

DEVICE

| | |
|-------------------------|--|
| Build volume | 200 x 200 x 180 mm (7.9 x 7.9 x 7.1 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 like TPU or nylon) |
| Extruder cooling system | Radial fan cooling the extruder block; two fans cooling the print |
| Hotend | Single, V3 |
| Platform | 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 |

FILAMENTS

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|---------------------|---|
| Available Filaments | Z-ABS, Z-ABS 2, Z-ASA Pro, Z-ESD, Z-ESD v2, Z-FLEX, Z-GLASS, Z-HIPS, Z-NYLON, Z-PCABS, Z-PETG, Z-PLA, Z-PLA Pro, Z-ULTRAT |
| External materials | Applicable |
| Support | Mechanically removed – printed with the same material as the model |
| Filament container | Spool |
| Filament diameter | 1.75 mm (0.069 in) |

IN THE BOX

3D Printer, Hotend V3, Side Covers, Z-SUITE, Starter Kit, Material Spool, Spool Holder, USB Memory Stick

PRINTING

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|------------------------|--|
| 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 |

TEMPERATURE

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|---|---------------------|
| Maximum printing temperature (extruder) | 290 °C (554 °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 | 110 V ~ 5.9 A 50/60 Hz 240 V ~ 2.5 A 50/60 Hz |
| Maximum power consumption | 320 W |

SOFTWARE

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|----------------------------|---|
| Software bundle | Z-SUITE |
| Supported input file types | .stl, obj, .dxf, .3mf, .ply |
| Supported operating system | Mac OS Mojave* / Windows 7 and newer versions |