

Raise3D Pro Series Specifications

Pro2 Plus

PRINTER

Print Technology: FFF

Build Volume (W×D×H): 12×12×23.8 inch / 305×305×605 mm

11×12×23.5 inch / 208×305×605 mm¹

Machine Size (W×D×H): 24.4×23.2×43.5 inch / 620×590×1105 mm

Print Head: Dual-head with electronic lifting system

Filament Diameter: 1.75mm

XYZ Step Size: 0.78125, 0.78125, 0.078125 micron

Print Head Travel Speed: 30 - 150 mm/s

Build Plate: Heated aluminum build plate with magnetic holding

Max Build Plate Temperature: 110 °C

Build Plate Material: Silicone

Build Plate Leveling: Pre-calibrated leveling

Supported Materials: PLA / ABS / HIPS / PC / TPU / NYLON / TPE / FLEX / PETG / Bronze-Filled /

Wood-Filled / Carbon Fiber Enforced

Nozzle Diameter: 0.2/ 0.4/ 0.6/ 0.8mm

Max Nozzle Temperature: 300 °C

Operating Sound: 50 dB

Connectivity: Wi-Fi, LAN, USB port

Monitoring: Live camera

ELECTRICAL

Power Supply Input: Universal 100-240 VAC, 50/60 Hz

Power Supply Output: 600 Watts, 24 VDC

SOFTWARE

Slicing Software: ideaMaker

Supported File Types: STL, OBJ

Supported OS: WINDOWS/ IOS/ LINUX

¹ When you are printing with dual material.



Machine Code Type: GCODE

PRINTER CONTROLLER

User Interface: 7 inch Touch Screen

Network: Ethernet 802.11b/g/n Wifi 2.4GHz/5GHz

Resume Print after Power Outage: Second Generation

Screen Resolution: 1024*600

Motion Controller: ARM Cortex M7.400MHZ FPU

Logic Controller: Freescale imx6, Quad core 1Ghz ARM processor

Memory: 1GB

Onboard Flash: 8GB

OS: Embedded Linux

Ports: Sdcard*1, Usb2.0*2, Ethernet*1

