

Pro2 Series Technical Specifications

Printer	Pro2			Pro2 Plus		
Build Volume (W×D×H)	Single Extruder Print	Dual Extruder Print		Single Extruder Print	Dual Extruder Print	
	305×305×300 mm	280×305×300 mm		305×305×605 mm	280×305×605 mm	
Machine Size (W×D×H)	620×590×760 mm			620×590×1105 mm		
Weight	Net Weight	Gross Weight <small>(Carton Only)</small>	Gross Weight <small>(Carton with Pallet)</small>	Net Weight	Gross Weight <small>(Carton Only)</small>	Gross Weight <small>(Carton with Pallet)</small>
	50.2 Kg	62.7 Kg	70.5 Kg	59.3 Kg	71.8 Kg	79.6 Kg
Electrical	Power Supply Input 100-240 V AC, 50/60Hz 230 V @ 3.3 A			Power Supply Output 24 V DC, 600 W		
General	<p>Print Technology FFF</p> <p>Print Head System Dual-head with electronic lifting system</p> <p>Filament Diameter 1.75 mm</p> <p>XYZ Step Size 0.78125, 0.78125, 0.078125 micron</p> <p>Print Head Travel Speed 30-150 mm/s</p> <p>Build Plate Heated aluminum build plate with magnetic holding</p> <p>Max Build Plate Temperature 110 °C</p> <p>Heated Bed Material Silicone</p> <p>Build Plate Leveling Pre-calibrated leveling</p> <p>Filament Run-out Sensor Available</p> <p>Supported Materials PLA/ ABS/ HIPS/ PC/ TPU/ TPE/ PETG/ ASA/ PP/ PVA/ Nylon/ Glass Fiber Infused/ Carbon Fiber Infused/ Metal Fill/ Wood Fill</p> <p>Layer Height 0.01 - 0.25mm</p> <p>Nozzle Diameter 0.4 mm (Default), 0.2/ 0.6/ 0.8/ 1.0 mm (Available)</p> <p>Max Nozzle Temperature 300 °C</p> <p>Connectivity Wi-Fi, LAN, USB port, Live camera</p> <p>Noise Emission (Acoustic) < 50 dB (A) when building</p> <p>Operating Ambient Temperature 15 - 30 °C, 10 - 90% RH non-condensing</p> <p>Storage Temperature -25 to +55 °C, 10 - 90% RH non-condensing</p> <p>Filter HEPA filter with activated charcoal</p> <p>Technical Certifications CB, CE, FCC, RoHS</p>					
Software	<p>Slicing Software ideaMaker</p> <p>Supported File Types STL/ OBJ/ 3MF/ OLTP</p> <p>Supported OS Windows/ macOS/ Linux</p> <p>Machine Code Type GCODE</p>					
Printer Controller	<p>User Interface 7-inch Touch Screen</p> <p>Network Wi-Fi, Ethernet</p> <p>Power Loss Recovery Available</p> <p>Screen Resolution 1024×600</p> <p>Motion Controller ARM Cortex M7.400 MHZ FPU</p> <p>Logic Controller Freescale i.MX6, Quad core 1Ghz ARM processor</p> <p>Memory 1 GB</p> <p>Onboard Flash 8 GB</p> <p>OS Embedded Linux</p> <p>Ports USB 2.0*2, Ethernet*1</p>					