

Raise3D Pro2 Series

Imagine New Possibilities

Industrial grade printers ready to integrate print factories, 24/7 production capability and customized parts on demand.



Massive Build Volume



Dual Extruder



0.01 mm Minimum
Layer Height



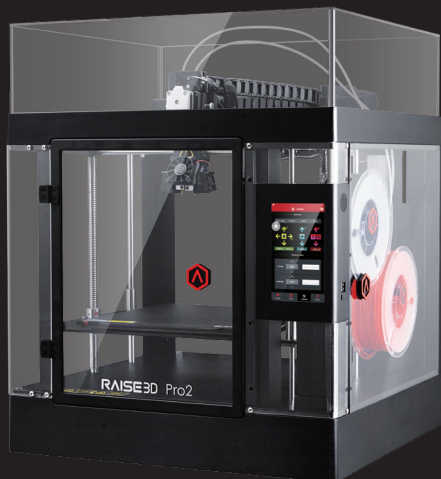
7-inch Touch Screen



Resume Print
Camera/ HEPA Air Filtration



Diverse Filament



Pro2



Pro2 Plus

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	
Electrical	Power Supply Input	100-240 V AC, 50/ 60 Hz 230 V @ 3.3 A		
	Power Supply Output	24 V DC, 600 W		
General	Print Technology	FFF		
	Print Head System	Dual-head with electronic lifting system		
	Filament Diameter	1.75 mm		
	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		
	Heated Bed Material	Silicone		
	Build Plate Leveling	Pre-calibrated leveling		
	Supported Materials	PLA/ ABS/ HIPS/ PC/ TPU/ TPE/ NYLON/ PETG/ ASA/ PP/ PVA/ Glass Fiber Infused/ Carbon Fiber Infused/ Metal Fill/ Wood Fill		
	Layer Height	0.01-0.25 mm		
	Nozzle Diameter	0.4 mm (Default), 0.2/ 0.6/ 0.8/ 1.0 mm (Available)		
	Max Nozzle Temperature	300 °C		
	Connectivity	Wi-Fi, LAN, USB port, Live camera		
	Noise Emission (Acoustic)	<50 dB(A) when building		
	Operating Ambient Temperature	15-30 °C, 10-90% RH non-condensing		
	Storage Temperature	-25 to 55 °C, 10-90% RH non-condensing		
	Technical Certifications	CB, CE, FCC, RoHS, RCM		
	Filter	HEPA filter with activated charcoal		
Software	Slicing Software	ideaMaker		
	Supported File Types	STL/ OBJ/ 3MF/ OLTP		
	Supported OS	Windows/ macOS/ Linux		
	Machine Code Type	GCODE		
Printer Controller	User Interface	7-inch Touch Screen		
	Network	Wi-Fi, Ethernet		
	Resume Print after Power Outage	Firmware recording, no need for battery installation		
	Screen Resolution	1024 × 600		
	Motion Controller	Atmel ARM Cortex-M7 400MHz FPU		
	Logic Controller	Freescale i.MX6, Quad core 1Ghz ARM processor		
	Memory	1 GB		
	Onboard Flash	16 GB		
	OS	Embedded Linux		
	Ports	USB 2.0 × 2, Ethernet × 1		