

THE NEW RAISE3D SERIES

Pro2 / Pro2 Plus

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

Dual Extruder

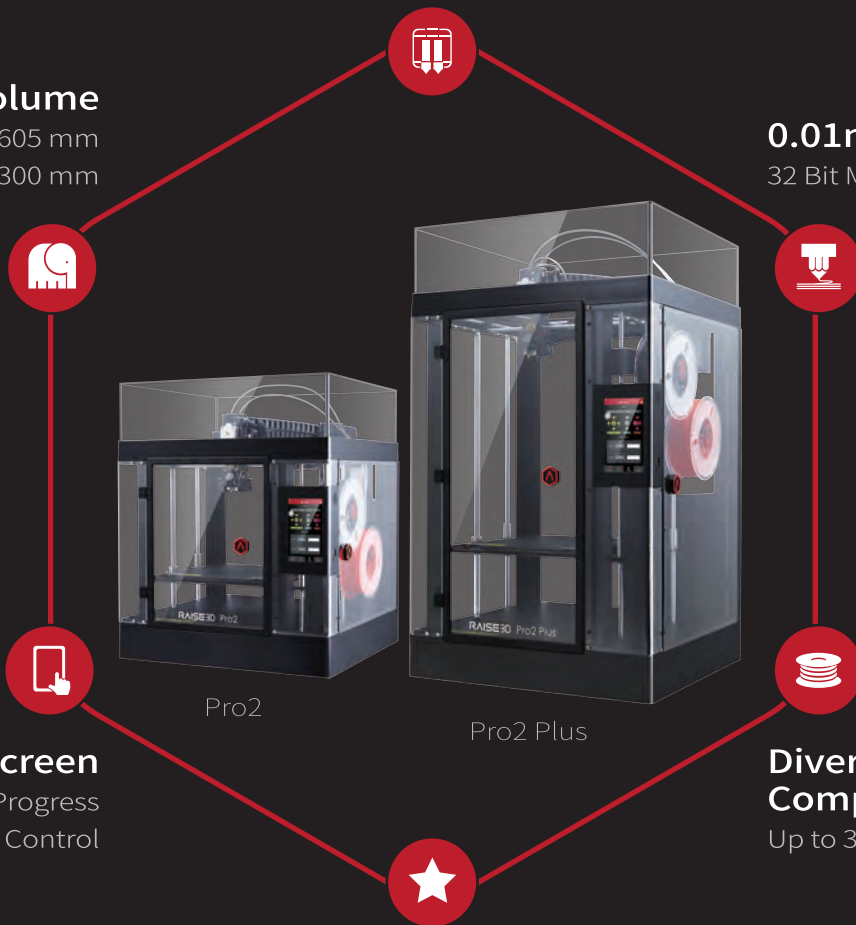
Electronic Driven, Dual Extrusion with Retracting Hot Ends;
4× Increased torque performance

Massive Build Volume

Pro2 Plus: 305 × 305 × 605 mm
Pro2: 305 × 305 × 300 mm

0.01mm Layer Height

32 Bit Motion Control Board



Pro2

Pro2 Plus

7-inch Touch Screen

Visual Print Progress
Full Adjustment Control

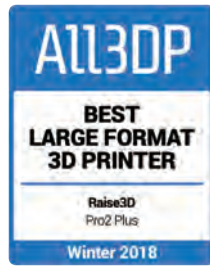
Diverse Filament Compatibility

Up to 300°C Melting Point

Print Resume

Resume Print after Power Loss or Filament Outage

Camera / HEPA Air Filtration



ITEM	Pro2	Pro2 Plus		
CONSTRUCTION	Build Volume (W×D×H)			
	Single Extruder Print	Dual Extruder Print	Single Extruder Print	Dual Extruder Print
	12×12×11.8 inch 305×305×300 mm	11×12×11.8 inch 280×305×300 mm	12×12×23.8 inch 305×305×605 mm	11×12×23.8 inch 280×305×605 mm
	Machine Size (W×D×H)			
	24.4×23.2×29.9 inch 620×590×760 mm		24.4×23.2×43.5 inch 620×590×1105 mm	
ELECTRICAL	Power Supply Input Power Supply Output	100-240 V AC, 50/60 Hz 230 V @ 3.3 A 24 V DC, 600 W		
PRINTER	Print Technology Print Head Filament Diameter XYZ Step Size Print Head Travel Speed Build Plate Max Build Plate Temperature Heated Bed Material Build Plate Leveling Supported Materials Nozzle Diameter Max Nozzle Temperature Connectivity Noise Emission (Acoustic) Operating Ambient Temperature Storage Temperature Technical Certifications	FFF Dual-head with electronic lifting system 1.75 mm 0.78125, 0.78125, 0.078125 micron 30 - 150 mm/s Heated aluminum build plate with magnetic holding 110 °C Silicone Pre-calibrated leveling PLA/ ABS/ HIPS/ PC/ TPU/ TPE/ NYLON/ PETG/ ASA/ PP/ PVA/ Glass Fiber Infused/ Carbon Fiber Infused/ Metal Fill/ Wood Fill 0.4 mm (Default), 0.2/ 0.6/ 0.8/ 1.0 mm (Available) 300 °C Wi-Fi, LAN, USB port, Live camera <50 dB(A) when building 15 - 30 °C, 10 - 90% RH non-condensing -25 °C to +55 °C, 10 - 90% RH non-condensing CB, CE, FCC, RoHS		
SOFTWARE	Slicing Software Supported File Types Supported OS Machine Code Type	ideaMaker STL/ OBJ/ 3MF WINDOWS/ macOS/ LINUX GCODE		
PRINTER CONTROLLER	User Interface Ethernet WLAN Resume Print after Power Outage Screen Resolution Motion Controller Logic Controller Memory Onboard Flash OS Ports	7-inch Touch Screen 10/100 Mbps IEEE802.11b/g: 2412-2472 MHz IEEE802.11n HT20: 2412-2472 MHz IEEE802.11a: 5150-5250 MHz, 5725-5850 MHz IEEE802.11an HT20: 5150-5250 MHz, 5725-5850 MHz IEEE802.11an HT: 5150-5250 MHz, 5725-5850 MHz Firmware recording, no need for battery installation. Protection from any condition. 1024*600 ATM Cortex M7.400MHZ FPU Freescale i.mx6, Quad core 1Ghz ARM processor 1 GB 8 GB Embedded Linux USB 2.0*2, Ethernet*1		

