

Pro3 Series Technical Specifications

Printer	Pro3			Pro3 Plus		
Build Volume (W×D×H)	Single Extruder Print	Dual Extruder Print		Single Extruder Print	Dual Extruder Print	
	300×300×300 mm	255×300×300 mm		300×300×605 mm	255×300×605 mm	
Machine Size (W×D×H)	620×626×760 mm			620×626×1105 mm		
Weight	Net Weight	Gross Weight (Carton Only)	Gross Weight (Carton with Pallet)	Net Weight	Gross Weight (Carton Only)	Gross Weight (Carton with Pallet)
	52.5 Kg	76.6 Kg	84.55 Kg	61.15 Kg	87.45 Kg	95.4 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	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		Flexible Steel Plate with BuildTak			
	Max Build Plate Temperature		120 °C			
	Heated Bed Material		Silicone			
	Build Plate Leveling		Mesh-leveling with Flatness Detection			
	Filament Run-out Sensor		Available			
	Supported Materials		PLA/ ABS/ HIPS/ PC/ TPU/ TPE/ PETG/ ASA/ PP/ PVA/ Nylon/ Glass Fiber Infused/ Carbon Fiber Infused/ Metal Fill/ Wood Fill			
	Layer Height		0.01 - 0.25mm			
	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)		< 55 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			
	Filter		HEPA filter with activated charcoal			
	EVE Smart Assistant		Available			
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			
	Power Loss Recovery		Available			
	Screen Resolution		1024×600			
	Motion Controller		Atmel ARM Cortex-M4 120MHz FPU			
	Logic Controller		NXP ARM Cortex-A9 Quad 1 GHz			
	Memory		1 GB			
	Onboard Flash		8 GB			
	OS		Embedded Linux			
	Ports		USB 2.0*2, Ethernet*1			