

Bambu Lab P1P

Technical Specifications

Item		Specification
Printing Technology		Fused Deposition Modeling
Body	Build Volume(W × D × H)	256 x 256 x 256 mm ³
	Chassis	Steel
	Shell	Printable
Tool Head	Hot End	All-Metal
	Extruder Gears	Steel
	Nozzle	Stainless Steel
	Max Hot End Temperature	300°C
	Nozzle Diameter (Included)	0.4 mm
	Nozzle Diameter (Optional)	0.2 mm, 0.6 mm, 0.8 mm
	Filament Cutter	Yes
	Filament Diameter	1.75 mm
Hot bed	Build Plate (Included)	Bambu Dual-Sided Textured PEI Plate
	Build Plate (Optional)	Bambu Cool Plate, Bambu Engineering Plate, Bambu High Temperature Plate
	Max Build Plate Temperature	100°C
Speed	Max Speed of Tool Head	500 mm/s
	Max Acceleration of Tool Head	20 m/s ²
	Max Hot End Flow	32 mm ³ /s @ABS(Model: 150*150mm single wall; Material: Bambu ABS; Temperature: 280°C)
Cooling	Part Cooling Fan	Closed Loop Control
	Hot End Fan	Closed Loop Control
	Auxiliary Part Cooling Fan	Optional
Supported Filament	PLA, PETG, TPU, PVA, PET	Ideal
	PA, PC, ABS, ASA	Capable
	Carbon/Glass Fiber Reinforced Polymer	Not Recommended
Sensors	Chamber Monitoring Camera	Low Rate Camera 1280 x 720 / 0.5fps Timelapse Supported
	Filament Run Out Sensor	Yes
	Filament Odometry	Optional with AMS
	Power Loss Recover	Yes
Physical Dimensions	Dimensions(W × D × H)	386 x 389 x 458 mm ³
	Net Weight	9.65 kg
Electrical Parameters	Input Voltage	100-240 VAC, 50/60 Hz
	Max Power	1000 W@220 V, 350 W@110 V
	USB Output Power	5 V/1.5 A
Electronics	Display	2.7-inch 192x64 Screen
	Connectivity	Wi-Fi, Bluetooth, Bambu-Bus
	Storage	Micro SD Card
	Control Interface	Button, APP, PC Application
	Motion Controller	Dual-Core Cortex M4
Software	Slicer	Bambu Studio Support third party slicers which export standard G-code such as Superslicer, Prusaslicer and Cura, but certain advanced features may not be supported.
	Slicer Supported OS	MacOS, Windows