

Technical Sheet

Bambu Lab P1S Combo:

Product Features

- Works right out of the box, set up in 15 minutes
- Well-polished hardware and software
- Enclosed-body for high-temperature filament printing
- Up to 16-color printing with AMS
- Up to 20000 mm/s² acceleration, prints a benchy in 18min
- Built-in camera for remote monitoring and timelapse



Bambu Lab P1S

- Enclosed for high-temperature printing
- Works right out of the box
- Well-polished hardware and software
- Up to 16-color printing with AMS
- Up to 20000 mm/s² acceleration



15 mins set up



All-around performance right out of the box

It just works right out of the box. You don't have to mess with it, just simply hit print, and the printer will handle all the calibrations (Auto-Bed Leveling, Vibration compensation) for you. Enjoy trouble-free printing every time with your P1S.

Multi-color capability

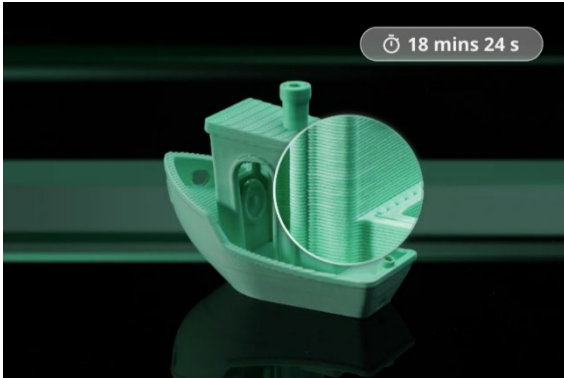
Get the AMS combo to unleash multi-color printing capability. (up to 16-color if you stack up 4 AMS units).



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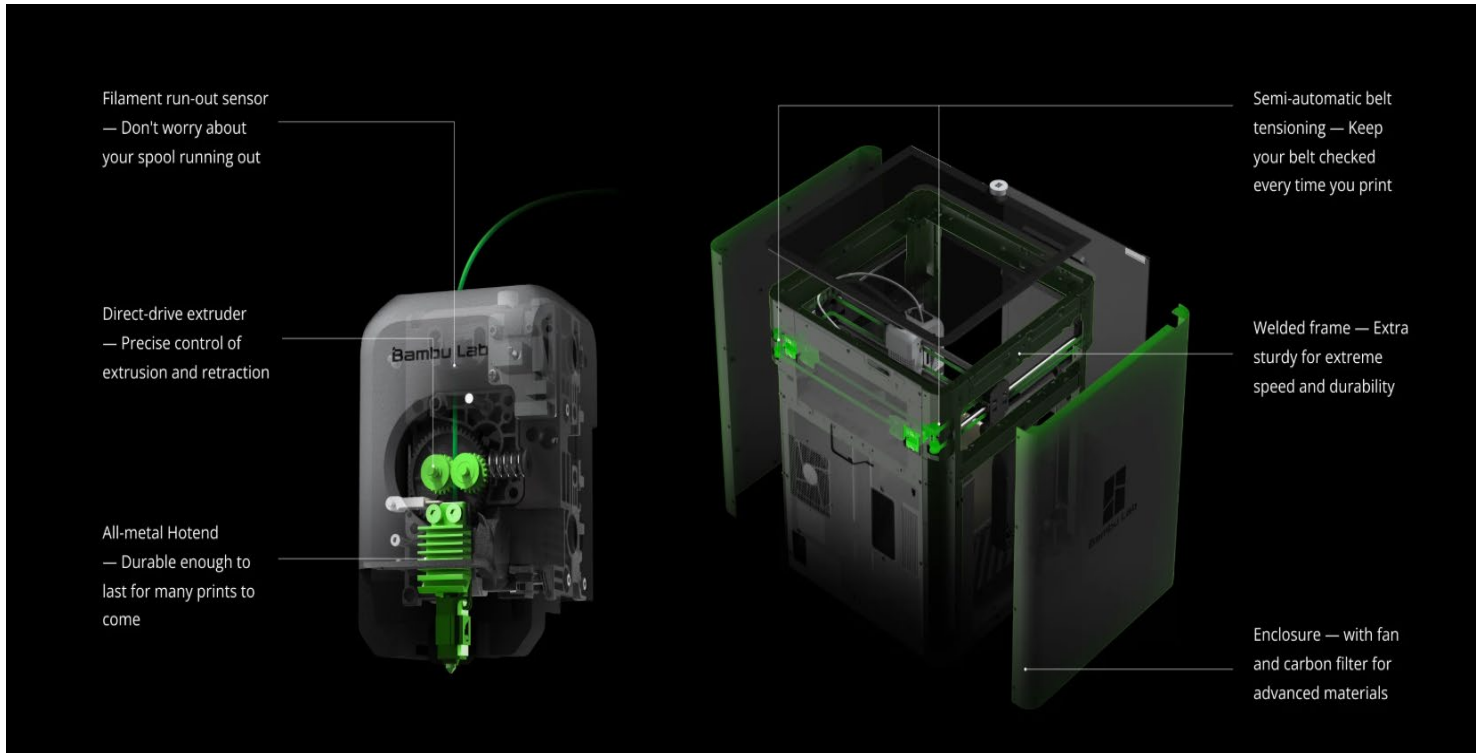
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Print fast with exceptional quality

Cutting-edge control algorithm with the help of vibration compensation and pressure advance, bringing you lightning-fast print speed without compromising on quality



Sync with Bambu Studio and Bambu Handy

Remote control and monitor your printer on Bambu Studio or Bambu Handy. Through the built-in camera, you can also record timelapse videos.



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What's in the box



Bambu Lab P1S



Stainless Steel Hotend with Nozzle



Build Plate



Bambu PLA Filament (with a spool)



Unclogging Pin Tool



Power Cable



Accessory Box

P1S Combo Add-ons



Bambu Lab AMS



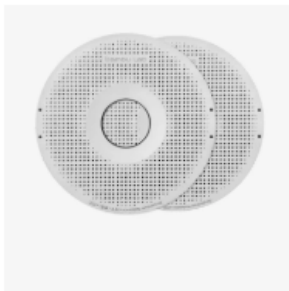
Spare Filament Cutter (x2)



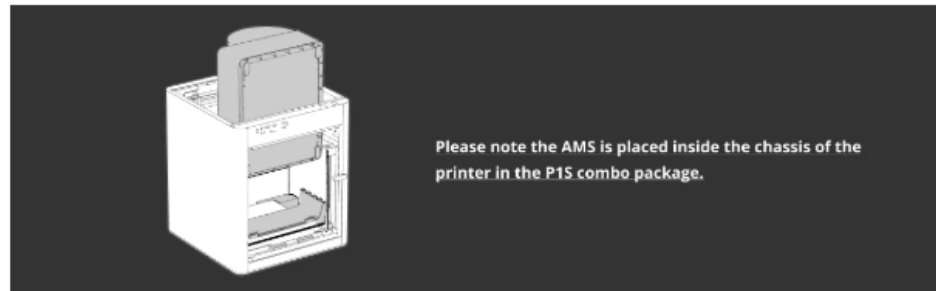
Bambu Bus Cable-6Pin



Bambu Bus Cable-4Pin



Bambu Filament Samples (Random Color/Type, Contains 2 spools)



Bambu Lab P1S 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	Plastic & Glass
Toolhead	Hot End	Al-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	
Heatbed	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 Toolhead	500 mm/s
	Max Acceleration of Toolhead	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&Filtration	Part Cooling Fan	Closed Loop Control
	Hot End Fan	Closed Loop Control
	Control Board Fan	Closed Loop Control
	Chamber Temperature Regulator Fan	Closed Loop Control
	Auxiliary Part Cooling Fan	Closed Loop Control
	Air Filter	Activated Carbon Filter
Supported Filament	PLA, PETG, TPU, ABS , ASA , PVA, PET	Ideal
	PA, PC	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 (WxDxH)	389*389*458 mm ³
	Net Weight	12.95 kg
Electrical Parameters	Input Voltage	100-240 VAC, 50/60 Hz
	Max Power	1000 W @220 V, 350W@110V
	USB Output Power	5V/1.5A
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