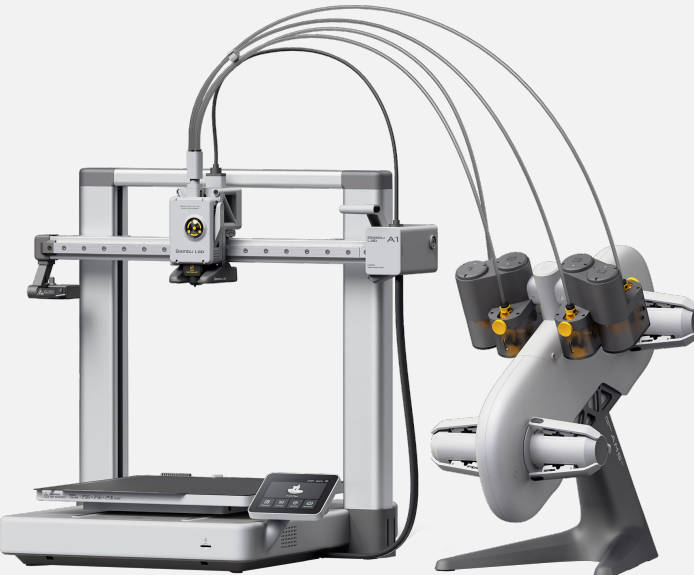
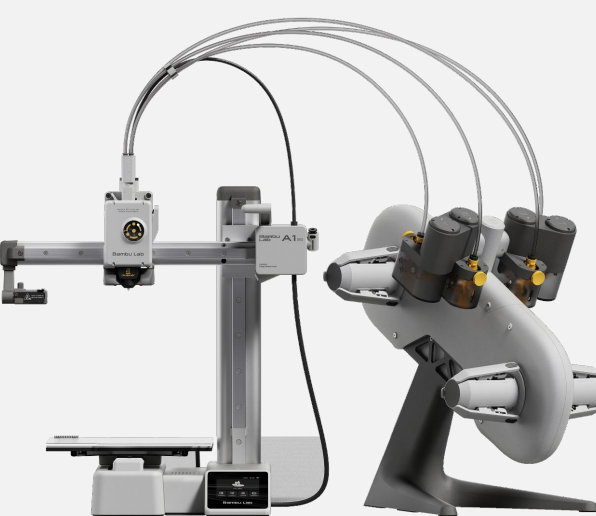


Bambu Lab Product Comparison

	H2D	H2S	X1C	P1S	A1	A1mini
						
Basic Information						
Build Volume	Single Nozzle Printing: 325×320×325 mm ³ Dual Nozzle Printing: 300×320×325 mm ³ Total Volume for Two Nozzles: 350×320×325 mm ³	340×320×340 mm ³	256 × 256 × 256 mm ³	256 × 256 × 256 mm ³	256 × 256 × 256 mm ³	180 × 180 × 180 mm ³
Attachment Compatibility	10W/40W Laser Module, Cutting Module	10W Laser Module, Cutting Module	No	No	No	No
Motion System	CoreXY	CoreXY	CoreXY	CoreXY	Bed Slinger	Cantilever
Enclosed	Yes	Yes	Yes	Yes	No	No
Extruder Gear Assembly	Hardened Steel	Hardened Steel	Hardened Steel	Stainless Steel	Hardened Steel	Hardened Steel
Nozzle	Hardened Steel	Hardened Steel	Hardened Steel	Stainless Steel	Stainless Steel	Stainless Steel
Max Nozzle Temp	350 °C	350 °C	300 °C	300 °C	300 °C	300 °C
Max Build Plate Temp	120 °C	120 °C	110°C @220 V, 120°C @110 V	100 °C	100 °C	80 °C
Air Filter	G3, H12, Coconut Shell Carbon Filter, VOC & Maticulate Matter Filtration	G3, H12, Coconut Shell Carbon Filter, VOC & Maticulate Matter Filtration	Activated Carbon Filter	Activated Carbon Filter	N/A	N/A
AMS Compatibility	AMS 2 Pro; AMS; AMS HT	AMS 2 Pro; AMS; AMS HT	AMS 2 Pro; AMS; AMS HT	AMS 2 Pro; AMS; AMS HT	AMS lite	AMS lite
Electronic & AI Capability						
Filament Run Out Sensor	Yes	Yes	Yes	Yes	Yes	Yes
Filament Odometry	Yes	Yes	Yes (with AMS)	Yes (with AMS)	Yes	Yes
Filament Tangle Sensor	Yes	Yes	No	No	Yes	Yes
Nozzle Camera	Yes	No	No	No	No	No
Liveview Camera	1080P	1080P	1080P	1080P Low Rate	1080P Low Rate	1080P Low Rate
AI Detection	Yes	Yes	Yes	No	No	No
Display	5-inch Touchscreen	5-inch Touchscreen	5-inch Touchscreen	2.7-inch Screen	3.5-inch Touch Screen	2.4-inch Touch Screen
Filament Compatibility						
Max # of Colors/Mater.	24	24	16	16	4	4
PLA, PETG, TPU, PVA	Ideal	Ideal	Ideal	Ideal	Ideal	Ideal
ABS, AVA	Ideal	Ideal	Ideal	Ideal	Not recommended	Not recommended
PA, PC, PET	Ideal	Ideal	Capable	Capable	Not recommended	Not recommended
Carbon/Glass Fiber Reinforced Polymer	Ideal	Ideal	Capable	Not recommended	Not recommended	Not recommended