

Bambu Lab

3D PRINTER



H Series

H2C / COMBO

Build Volume
Single Nozzle : 305×320×325 mm³
Dual Nozzle : 300×320×325 mm³
Total Volume : 330×320×325 mm³
Max Nozzle Temp 350 °C
Max Build Plate Temp 120 °C
Nozzle Hardened Steel
Max Colors 24

H2D / COMBO

Build Volume
Single Nozzle : 325×320×325 mm³
Dual Nozzle : 300×320×325 mm³
Total Volume : 350×320×325 mm³
Max Nozzle Temp 350 °C
Max Build Plate Temp 120 °C
Nozzle Hardened Steel
Max Colors 24



H Series



H Series

H2S / COMBO

Build Volume 340×320×340 mm³
Max Nozzle Temp 350 °C
Max Build Plate Temp 120 °C
Nozzle Hardened Steel
Max Colors 24



P Series

P2S / COMBO

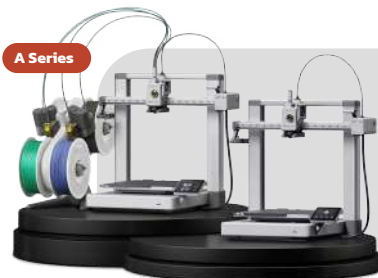
Build Volume 256 × 256 × 256 mm³
Max Nozzle Temp 300 °C
Max Build Plate Temp 110 °C
Nozzle Hardened Steel
Max Colors 20



P Series

P1S / COMBO

Build Volume 256 × 256 × 256 mm³
Max Nozzle Temp 300 °C
Max Build Plate Temp 100 °C
Nozzle Stainless Steel
Max Colors 16



A Series

A1 / COMBO

Build Volume 256 × 256 × 256 mm³
Max Nozzle Temp 300 °C
Max Build Plate Temp 100 °C
Nozzle Stainless Steel
Max Colors 4



A Series

A1 MINI / COMBO

Build Volume 180 × 180 × 180 mm³
Max Nozzle Temp 300 °C
Max Build Plate Temp 80 °C
Nozzle Stainless Steel
Max Colors 4

ACCESSORIES



AMS HT

• Active Filament Drying and Humidity Control
• Active Air Vent 85°C Filament Drying
• Airtight Filament Storage

AMS 2 PRO

• Airtight Multi-Material System
• RFID filament sync
• Up to 24-color/Multi-material



Bambu Lab Product Comparison

	H2C	H2D	H2S	P2S	P1S	A1	A1 Mini
Basic Information							
Build Volume	Single Nozzle: 305×320×325 mm³ Dual Nozzle: 300×320×325 mm³ Total Volume: 330×320×325 mm³	Single Nozzle: 325×320×325 mm³ Dual Nozzle: 300×320×325 mm³ Total Volume: 350×320×325 mm³	340×320×340 mm³	256 × 256 × 256 mm³	256 × 256 × 256 mm³	256 × 256 × 256 mm³	180 × 180 × 180 mm³
Attachment Compatibility	10W, 40W Laser / Cutting Module	10W, 40W Laser / Cutting Module	10W Laser / Cutting Module	No	No	No	No
Motion System	CoreXY	CoreXY	CoreXY	CoreXY	CoreXY	Bed Slinger	Cantilever
Enclosed	Yes	Yes	Yes	Yes	Yes	No	No
Extruder Gear Assembly	Hardened Steel	Hardened Steel	Hardened Steel	Hardened Steel	Stainless Steel	Hardened Steel	Hardened Steel
Nozzle	Hardened Steel	Hardened Steel	Hardened Steel	Hardened Steel	Stainless Steel	Stainless Steel	Stainless Steel
Max Nozzle Temp	350 °C	350 °C	350 °C	300 °C	300 °C	300 °C	300 °C
Max Build Plate Temp	120 °C	120 °C	120 °C	110 °C	100 °C	100 °C	80 °C
Active Heated Chamber Temp	65 °C	65 °C	65 °C	No	No	No	No
Flap Switch Airflow & Filtration System	Yes	Yes	Yes	Yes	No	No	No
Air Filter	G3, H12, Coconut Shell Carbon Filter, VOC & Meticulate Matter Filtration	G3, H12, Coconut Shell Carbon Filter, VOC & Meticulate Matter Filtration	G3, H12, Coconut Shell Carbon Filter, VOC & Meticulate 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 2 Pro; AMS; AMS HT	AMS lite	AMS lite
Electronic & AI Capability							
Filament Run Out Sensor	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Filament Grinding Detection	Yes	Yes	Yes	Yes	No	No	No
Filament Tangle Sensor	Yes	Yes	Yes	Yes	No	Yes	Yes
Nozzle Camera	Yes	Yes	No	No	No	No	No
Liveview Camera	1080P	1080P	1080P	1080P	1080P Low Rate	1080P Low Rate	1080P Low Rate
AI Detection	Yes	Yes	Yes	Yes	No	No	No
Display	5-inch Touchscreen	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	24	20	16	4	4
PLA, PETG, TPU, PVA	Ideal	Ideal	Ideal	Ideal	Ideal	Ideal	Ideal
ABS, AVA	Ideal	Ideal	Ideal	Ideal	Ideal	Not recommended	Not recommended
PA, PC, PET	Ideal	Ideal	Ideal	Capable	Capable	Not recommended	Not recommended
Carbon/Glass Fiber Reinforced Polymer	Ideal	Ideal	Ideal	Capable	Not recommended	Not recommended	Not recommended



Filament

PLA Lite

- Standard General-Purpose Filament
- Ideal for Prototypes and Visual Models



PLA SILK+

- Standard General-Purpose Filament
- Ideal for Prototypes and Visual Models



PETG

- Durable & Chemical Resistant Filament
- Best for Functional Parts & Mechanical Use



SPOOL REFILL

