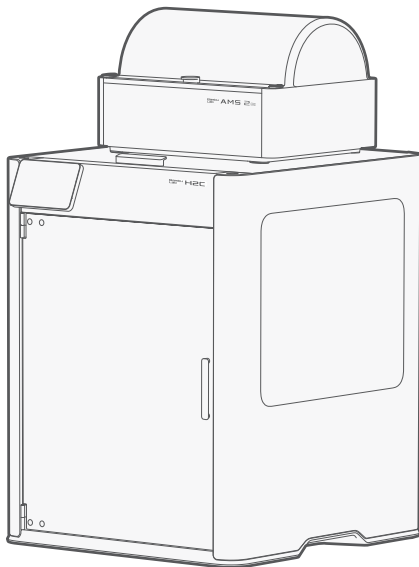


Bambu Lab H2C Full Laser Combo



PF003-NISA007

Printer specifications

Item		Specifications
Printing Technology		Fused Deposition Modeling
Body	Build Volume (W*D*H)	Single Nozzle Printing: 305*320*325 mm ³ Dual Nozzle Printing: 300*320*325 mm ³ Total Volume for Two Nozzles: 330*320*325 mm ³
	Chassis	Aluminum and Steel
	Outer Frame	Plastic and Glass
Physical Dimensions	Physical Dimensions	492*514*626 mm ³
	Net Weight	32.5 kg
Toolhead	Extruder Gear	Hardened Steel
	Nozzle	Hardened Steel
	Max Nozzle Temperature	350 °C
	Supported Nozzle Diameter	0.2 mm, 0.4 mm, 0.6 mm, 0.8 mm
	Filament Cutter	Built-in
	Filament Diameter	1.75 mm
	Extruder Motor	Bambu Lab High-precision Permanent Magnet Synchronous Motor
Heatbed	Build Plate Material	Flexible Steel Plate
	Included Build Plate Type	Textured PEI Plate
	Supported Build Plate Type	Textured PEI plate, Engineering Plate
	Max Heatbed Temperature	120 °C

Printer specifications

Item		Specifications
Speed	Max Speed of Toolhead	1000 mm/s
	Max Acceleration of Toolhead	20,000 mm/s ²
	Max Flow for Hotend	40 mm ³ /s (Test parameters: 250 mm round model with a single outer wall; Bambu Lab ABS; 280 °C printing temperature)
Chamber Temperature Control	Active Chamber Heating	Supported
	Max Temperature	65 °C
Air Purification	Pre-filter Grade	G3
	HEPA Filter Grade	H12
	Activated Carbon Filter Type	Granulated Coconut Shell
	VOC Filtration	Superior
	Particulate Matter Filtration	Supported
Cooling	Part Cooling Fan	Closed Loop Control
	Cooling Fan for Hotend	Closed Loop Control
	Main Control Board Fan	Closed Loop Control
	Chamber Exhaust Fan	Closed Loop Control
	Chamber Heat Circulation Fan	Closed Loop Control
	Auxiliary Part Cooling Fan	Closed Loop Control
	Toolhead Enhanced Cooling Fan	Closed Loop Control
Supported Filament Type	PLA, PETG, TPU, PVA, BVOH, ABS, ASA, PC, PA, PET, PPS; Carbon/Glass Fiber Reinforced PLA, PETG, PA, PET, PC, ABS, ASA, PPA, PPS	

Printer specifications

Item		Specifications
Sensor	Live View Camera	Built-in; 1920*1080
	Nozzle Camera	Built-in; 1920*1080
	BirdsEye Camera	Built-in; 3264*2448
	Toolhead Camera	Built-in; 1920*1080
	Door Sensor	Supported
	Filament Run Out Sensor	Supported
	Filament Tangle Sensor	Supported
	Filament Odometry	Supported with AMS
	Power Loss Recovery	Supported
Electrical Requirements	Voltage	100-120 VAC / 200-240 VAC, 50/60 Hz
	Max Power*	1800 W@220 V/1250 W@110 V
	Typical Power	200 W@220 V/200 W@110 V (Single Nozzle Printing PLA)
Working Temperature		10 °C-30 °C
Electronics	Touchscreen	5-inch 720*1280 Touchscreen
	Storage	Built-in 8 GB EMMC and USB Port
	Control Interface	Touchscreen, mobile App, PC App
	Motion Controller	Dual-core Cortex-M4 and Single-core Cortex-M7
	Application Processor	Quad-core ARM with dedicated NPU
Software	Slicer	Bambu Studio Supports third-party slicers which export standard G-code, such as Super Slicer, PrusaSlicer and Cura, but certain advanced features may not be supported.
	Supported Operating System	MacOS, Windows, Linux

Printer specifications

Item		Specifications
Network Control	Ethernet	Not Available
	Wireless Network	Wi-Fi
	Network Kill Switch	Not Available
	Removable Network Module	Not Available
	802.1X Network Access Control	Not Available
Wi-Fi	Operating Frequency	• 2412 - 2472 MHz, 5150 - 5850 MHz (FCC/CE) • 2400 - 2483.5 MHz, 5150 - 5850 MHz (SRRC)
	Wi-Fi Transmitter Power (EIRP)	• 2.4 GHz: < 23 dBm (FCC); < 20 dBm (CE/SRRC/MIC) • 5 GHz Band1/2: < 23 dBm (FCC/CE/SRRC/MIC) • 5 GHz Band3: < 30 dBm (CE); < 24 dBm (FCC) • 5 GHz Band4: < 23 dBm (FCC/SRRC); < 14 dBm (CE)
	Wi-Fi Protocol	IEEE 802.11 a/b/g/n

* To ensure the heatbed quickly reaches the needed temperature, the printer will maintain maximum power for about 3 minutes.

AMS 2 Pro specifications

Item		Specification
Body	Dimensions	372*280*226 mm ³
	Net Weight	2.5 kg
	Housing Material	ABS/PC
Printing	Filament Supported	PLA, PETG, ABS, ASA, PET, PA, PC, PVA (dried), BVOH (dried), PP, POM, HIPS, Bambu PLA-CF/PAHT-CF/PETG-CF/Support for PLA/PETG, and TPU for AMS
	Filament Not Supported	TPE, generic TPU, PVA (damp), BVOH (damp), Bambu PET-CF/TPU 95A, and other filament that contains carbon fiber or glass fiber
	Filament Diameter	1.75 mm
	Spool Dimension	Width: 50 mm–68 mm Diameter: 197 mm–202 mm
	RFID Identification	Supported
Drying	Highest Temperature	65 °C
	Filament Supported	PLA, PETG, Support for PLA/PETG, ABS*, ASA*, PET*, PA*, PC*, PVA*, BVOH *, PP, POM*, HIPS*, Bambu PLA-CF*/PAHT-CF*/ PETG-CF*, and TPU for AMS*
	Active Moisture Discharge	Supported
	Sealed Storage	Supported
	Temperature and Humidity Detection and Maintenance	Supported. Real-time temperature and humidity can be displayed on the screen, Bambu Studio, and Bambu Handy.
Power	Input	24 V 4 A

* Filaments marked with "*" require higher drying temperature. The AMS 2 Pro cannot dry them completely. If you want better drying performance for these filaments, we recommend purchasing an AMS HT.