Bambu Lab X1 Carbon Combo

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SKU: 3DW5VDO829U55

Price: 19,909.09 DH (HT)

Stock: onbackorder

Categories: [Imprimantes 3D FDM](#), [3D Printers](#)

Tags: [3dprinter](#)

Product Description

- **Active vibration compensation**
- **Resume printing after a power failure**
- **Micro LiDAR Assisted Bed Leveling**
- **Acceleration of 20 m/s²**

- **Printing error detection**

Advanced projects are enhanced by the use of advanced materials

The Bambu Lab X1 Carbon, featuring an additional cooling system and a reinforced nozzle and drive gear, significantly expands the range of supported materials, including PA, PC, PET, and TPU. It is particularly distinguished in printing carbon fiber and glass fiber reinforced polymers.

Explore a universe beyond colors

With Bambu Lab's Automatic Material System (AMS), printing becomes free, offering a diverse palette of colors and materials.

Designed for maximum speed.

AI-driven evolution

Dual auto bed leveling, AI first layer inspection, and anti-spaghetti detection for hassle-free printing.
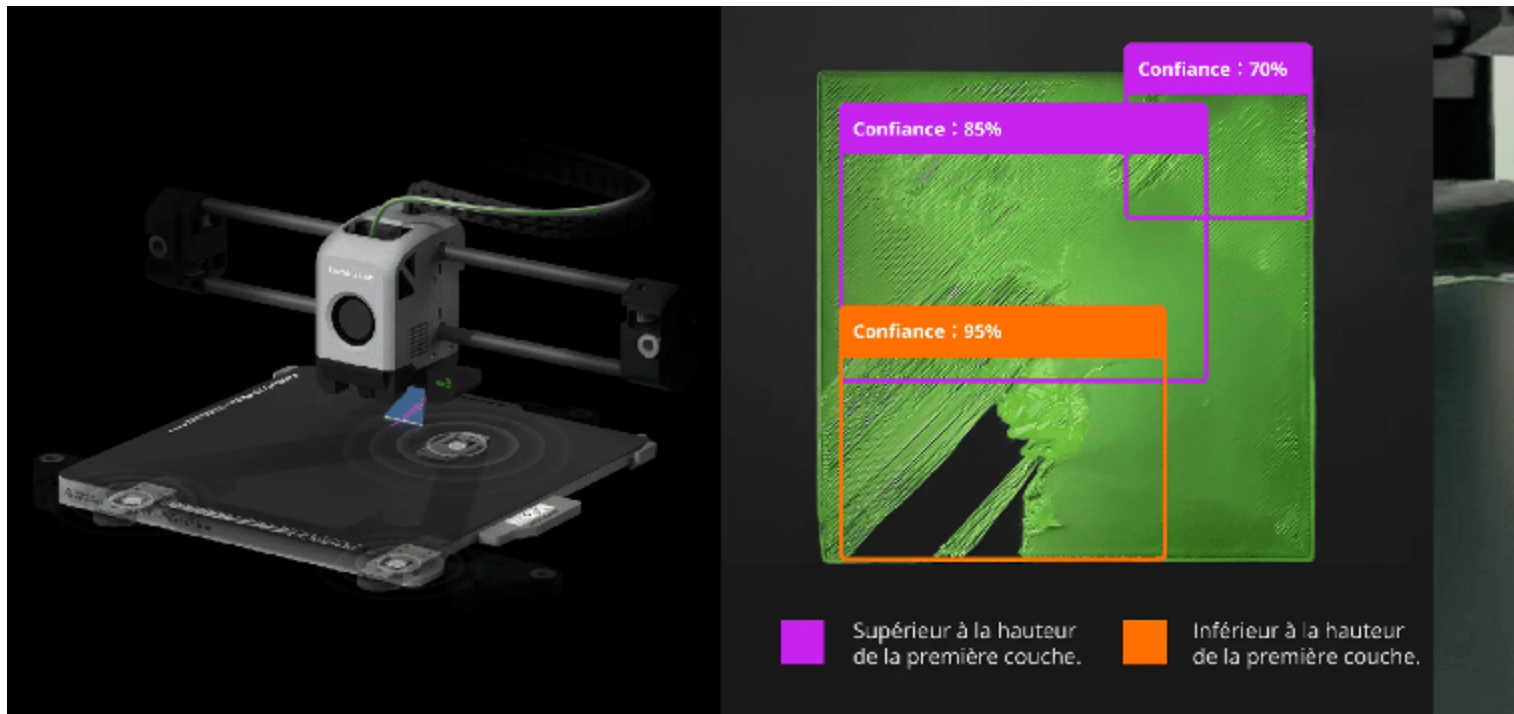
Remote printing made easy

Enjoy total flexibility with the Bambu Lab, remotely controllable via Bambu Handy. Start your prints easily from anywhere with Bambu Studio, whether using the local connection or remote management. Simplify your printing process with the freedom to control your Bambu Lab X1 Carbon from anywhere.
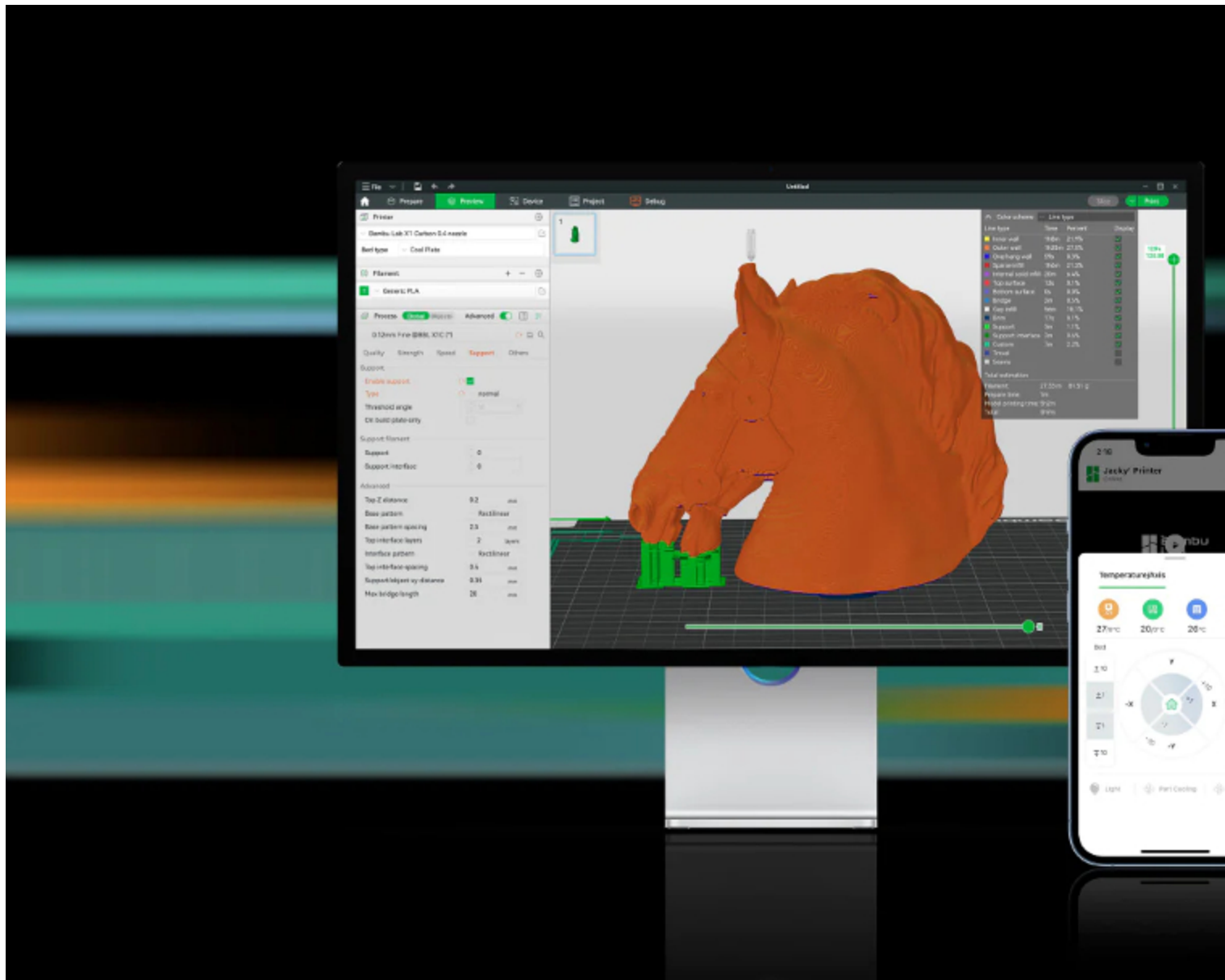
Technical characteristics

Construction volume (L×W×H)	256 × 256 × 256 mm³
Nozzle	0.4mm hardened steel included
Hotende	All metal
Maximum hot end temperature	300℃
Filament diameter	1.75 mm

Supported Filaments	PLA, PETG, TPU, ABS, ASA, PVA, PET Ideal for PA, PC, carbon fiber/glass reinforced polymer
Build plate surface	Bambu Cool Plate, Bambu Engineering Plate
Maximum build plate temperature	110℃@220V, 120℃@110V
Maximum tool head speed	500 mm/s
Maximum tool head acceleration	20 m/s²
Physical dimensions	389 × 389 × 457 mm, Net weight 14.13 kg, Gross weight 18 kg
Electrical requirements	100-240 VAC, 50/60 Hz, 1000 W at 220 V, 350 W at 110 V