

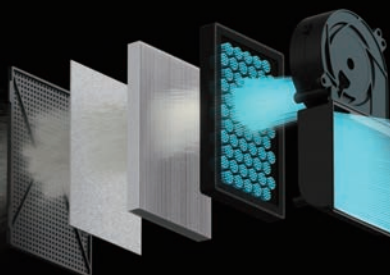
Bambu Lab X1E

For Professionals and Engineering Applications



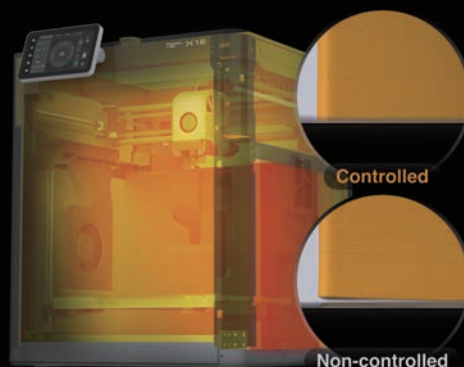
Effectively Filter Particulates and VOCs, Protecting Yourself in Less Ventilated Environments

A G3 pre-filter, an H12 HEPA filter, and a high-quality coconut shell activated carbon filter are combined to provide optimal air filtration.



Active Heating and Controlled Chamber Temp, Reducing Prints Warping

The active heated chamber, reaching temperatures of up to 60°C / 140°F, ensures improved print quality, particularly for filaments that are prone to warping, such as ABS and PC.



Advanced Network Security Solutions, Protecting Your Business Integrity

The X1E provides WPA2-Enterprise Wi-Fi Authentication (EAP-PEAP/EAP-TLS/TAP-TTLS) and individual physical kill switches for both Wi-Fi and Ethernet (newly added), meeting stringent network security requirements.

320°C /608°F Nozzle Temperature, Unlocking Greater Heat for High-Temperature Materials

Higher nozzle temperature makes it possible to print higher performance materials with improved dimensional stability, heat resistance and mechanical performance, such as PPA-CF/GF PPS and PPS-CF.

Tech Specs

Supported Filament

PLA, PETG, TPU, PVA, BVOH:	Optimal
ABS, ASA, PC, PA, PET:	Superior
Carbon/Glass Fiber Reinforced PLA, PETG, PA, PET, PC, ABS, ASA:	Superior
PPA-CF/GF, PPS, PPS-CF/GF:	Ideal

Heating

Active Chamber Heating:	Yes
Maximum Chamber Control Temperature:	60 °C

Ethernet

Socket:	RJ45
Speed:	100 Mbps / Full Duplex

Network Control

Ethernet:	Yes
Wireless Network:	Wi-Fi
Network Kill Switch:	Wi-Fi & Ethernet
Removable Network Module:	Yes

Wi-Fi

Frequency Range:	2412 MHz - 2472 MHz (CE) 2412 Mhz - 2462 MHz (FCC) 2400 MHz - 2483.5 MHz (SRRC)
Transmitter Power (EIRP):	≤ 21.5 dBm (FCC) ≤ 20 dBm (CE/SRRC)
Protocol:	IEEE 802.11 b/g/n

Air Purification

Pre-filter grade:	G3
HEPA filter grade:	H12
Activated Carbon Filter type:	Coconut Shell Granulated
VOC Filtration:	Optimal
Particulate Matter Filtration:	Yes

Laser (CLASS 1)

Wavelength:	850 nm, 850 nm
Maximum Output of Laser Radiation	< 0.778 mW