

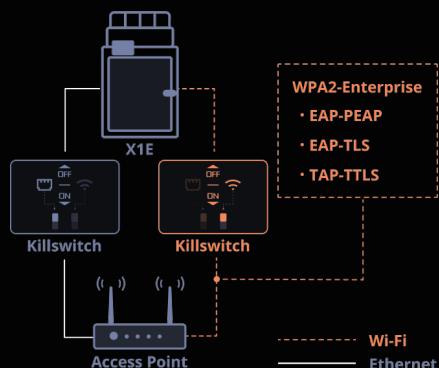
Bambu Lab X1E

For Professionals and Engineering Applications



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.



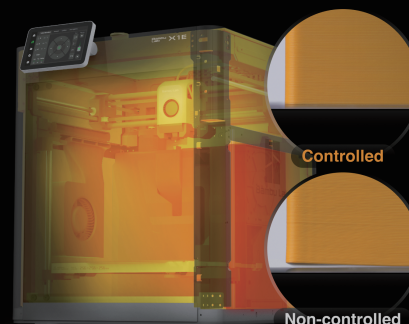
320°C /608°F Nozzle Temperature, Unlocking Greater Heat for High-Temperature Materials

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.



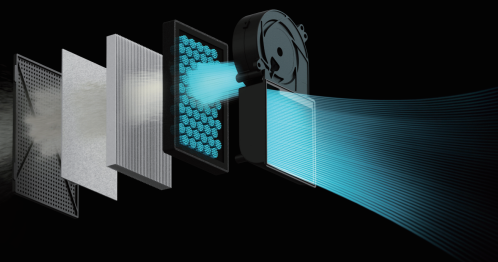
Active Heating and Controlled Chamber Temp, Reducing Prints Warping

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.



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.



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