

# epsilon



The BCN3D Epsilon is a powerful professional 3D printer, designed to deliver large-scale parts with industrial-grade materials, thanks to features such as its passive heated chamber and full enclosure. Powered by our Independent Dual Extruder (IDEX) system, the BCN3D Epsilon delivers exceptionally strong functional parts with quality and precision.

Powered by **IDEX** Technology



#### PRODUCTIVITY

IDEX Technology  
Printing Volume  
420mm x 300mm x 400mm



#### SAFETY

HEPA & Carbon Filter  
Safety Pause



#### EASE OF USE

Multilingual  
5" touchscreen  
Wireless printing



#### VERSATILE

Wide range of materials  
Different hotend sizes

# MAIN SPECIFICATIONS



**Technology**  
FFF (Fused Filament Fabrication)



**Architecture**  
IDEX (Independent Dual Extruder system)



**Print modes**  
Duplication mode  
Mirror mode  
Multimaterial mode  
Soluble supports mode



**Supported materials**  
PLA / ABS / PVA / PET-G / PA /  
TPU / PP / PAHT CF15 /  
PP GF30



**Safety features**  
Hepa filter  
Carbon filter  
Safety pause  
Filament runout sensor



**Filament diameter**  
2,85 +/- 0,05mm



**Hotends**  
Full-metal designed and  
manufactured by e3D™.  
Hotend Family:  
0,4mm (Default) / 0,6mm / 0,8mm  
/ 1,0mm / Hotend X 0,6mm



**Build Chamber**  
Fully enclosed  
Passive Heated Chamber up to 60°C



**Extrusion system**  
Bondtech™ high-tech  
dual drive gears



**Connectivity**  
Offline printing: SD card  
Online printing: Wifi or Ethernet



**Professional Software**  
BCN3D Cura



**Screen**  
Full Color Capacitive  
Touchscreen 5"



**Printing volume**  
420mm x 300mm x 400mm



**Minimum layer height**  
0,05 mm



**Max. printing temp.**  
280°C



**Max. Heated bed temp.**  
120°C



**Certificates**  
CE / FCC



[www.bcn3d.com/bcn3d-epsilon](http://www.bcn3d.com/bcn3d-epsilon)  
[info@bcn3dtechnologies.com](mailto:info@bcn3dtechnologies.com)

