**BCN3D EPSILON SPECIFICATIONS**

**Technology**  
Fused Filament Fabrication (FFF)

**Architecture**  
Independent Dual Extruder (IDEX)

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

**Build Chamber**  
Fully enclosed  
Passive Heated Chamber

**Safety Pause**

**Air Filtering**  
Category H13 HEPA Filter  
Active Carbon Filter

**Extruders**

**Warranty**  
2 years for EU countries  
1 year for non-EU countries

**Extruder system**  
Extruder Bondtech™ high-tech dual drive gears  
Hotend: Optimized and manufactured by e3D™.

**Printing Models**  
Duplication mode  
Mirror Mode  
Soluble Supports Mode  
Multimaterial Mode

**Electronics**  
Single Board Computer: Toradex ARM Compute Module.  
Motion Board: BCN3D Electronics with Independent Stepper Drivers.

**Firmware**  
BCN3D Embedded Linux distribution  
BCN3D Epsilon - Marlin

**Heated bed**  
Silicone thermal pad

**Screen**  
5” full-color capacitive touchscreen

**Supported languages**  
German, English, Spanish, French, Italian, Japanese, Portuguese, Chinese.

**Supported files**  
gcode

**Operating Sound**  
49 dB(A)

**Nozzle diameter**  
0.4mm (installed) / 0.6mm / 0.8mm / 1.0mm / Hotend X: 0.6mm

**Certifications**  
CE / FCC

**Input**  
AC 84-240V, AC 3,6-1,3A, 50-60Hz

**Maximum Power Consumption**  
840W

**PRINTER PROPERTIES**

**Overall dimensions**

**Weight**

**Shipping box dimensions**

**Shipping weight**

**Shipping method**

**PHYSICAL DIMENSIONS**

**Layer height**

**Positioning resolution**

**Operating temperature**

**Extruder maximum temperature**

**Build chamber maximum temperature**

**Operating Sound**

**Nozzle diameter**

**Certifications**

**Input**

**Maximum Power Consumption**

**SOFTWARE**

**File preparation software**  
BCN3D Cura

**Operative Systems**  
Windows, Mac, Linux

**Supported files**  
STL, OBJ, AMF

**Wireless connectivity**  
Cloud software control  
- Send print jobs  
- Monitor printing progress  
- Pause/Stop print jobs

**ELECTRIC PROPERTIES**

**Layer height**  
0.05 - 0.5mm

**Positioning resolution (X/Y/Z)**

**Operating temperature**

**Extruder maximum temperature**

**Heated bed maximum temperature**

**Operating temperature**

**Nozzle diameter**

**Certifications**

**Input**

**Maximum Power Consumption**