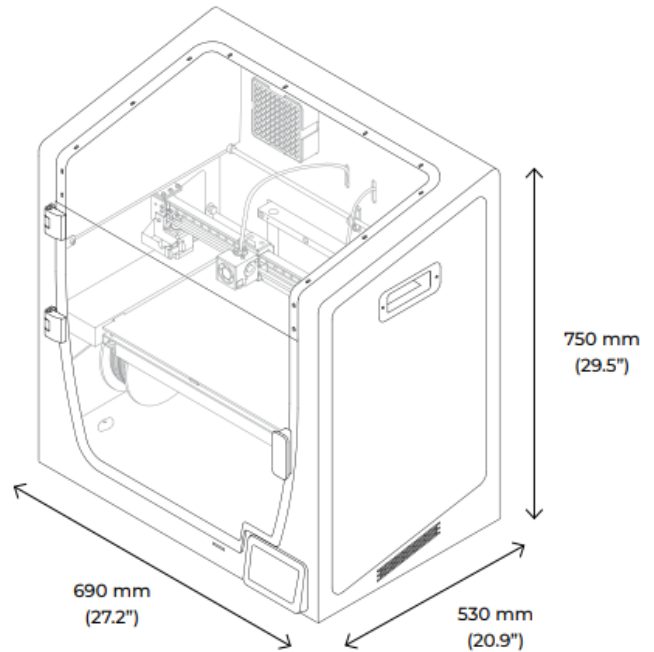
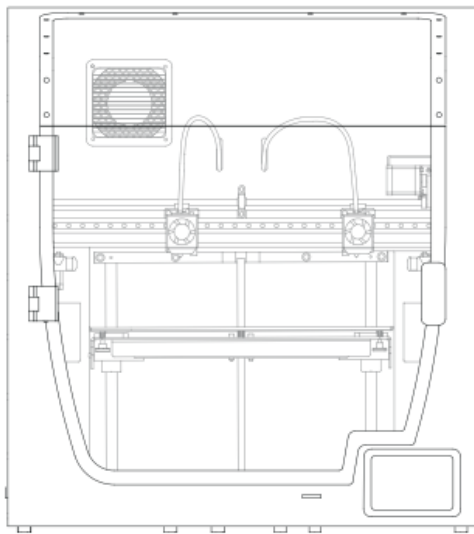


EPSILON W27 SPECIFICATION SHEET



PROPERTIES

3D PRINTING TECHNOLOGY:

FUSED FILAMENT FABRICATION (FFF)

FIRMWARE:

**BCN3D EMBEDDED LINUX DISTRIBUTION
BCN3D EPSILON - MARLIN**

BUILD CHAMBER:

**PASSIVE HEATED CHAMBER
FULLY ENCLOSED
SAFETY PAUSE**

AIR FILTERING:

**CATEGORY H13 HEPA FILTER
ACTIVE CARBON FILTER**

NUMBER OF EXTRUDERS :

2

WARRANTY :

**2 YEARS FOR EU COUNTRIES
1 YEAR FOR NON-EU COUNTRIES**



PARAMETRIC DESIGNS & SOLUTIONS



EPSILON W27 SPECIFICATION SHEET

DEVICE PROPERTIES

PRINT VOLUME	420MM X 300MM X 220MM (16.5" X 11.8" X 8.7")
PRINTER DIMENSIONS	690MM X 530MM X 750MM (27.2" X 20.9" X 29.5")
NOZZLE DIAMETER	BRASS NOZZLE: 0,4MM (DEFAULT) 0,6MM 0,8MM 1,0MM HOTEND X: 0,6MM
EXTRUDER SYSTEM	EXTRUDER BONDTECH™ HIGH-TECH DUAL DRIVE GEARS HOTENDS OPTIMIZED AND MANUFACTURED BY E3D™
HEATED BED	SILICONE THERMAL PAD
CONNECTIVITY	OFFLINE PRINTING: SD CARD ONLINE PRINTING: WIFI OR ETHERNET (THROUGH BCN3D CLOUD)
ELECTRONICS	SINGLE BOARD COMPUTER: TORADEX ARM COMPUTE MODULE MOTION BOARD: BCN3D ELECTRONICS WITH INDEPENDENT STEPPER DRIVERS
SCREEN	5" FULL COLOR TOUCHSCREEN

PRINTING PROPERTIES

- LAYER HEIGHT : 0,2MM | 0,3MM | 0,4MM**
- POSITIONING (X / Y / Z): 1,25MM / 1,25MM / 1MM**
- OPERATING TEMPERATURE : 15 °C - 30 °C**
- EXTRUDER MAXIMUM TEMPERATURE : 300 °C**
- HEATED BED MAXIMUM TEMPERATURE : 120 °C**
- BUILD CHAMBER MAXIMUM TEMPERATURE: 60 °C**

SOFTWARE PROPERTIES

- FILE PREPARATION SOFTWARE : BCN3D CURA
BCN3D STRATOS**
- OPERATING SYSTEMS : WINDOWS, MAC, LINUX**
- SUPPORTED FILES : STL, 3MF, OBJ, AMF**
- WIRELESS CONNECTIVITY : BCN3D CLOUD**

MATERIAL PROPERTIES

<u>FILAMENT DIAMETER :</u>	2,85 ± 0,05 MM
<u>COMPATIBLE FILAMENTS :</u>	STANDARD : PLA, TOUGH PLA, PET-G, TPU 98A, PVA, BVOH, PLA PRO TECHNICAL : ABS, PP, PA, ASA COMPOSITE (ONLY WITH HOTEND X): PP GF30, PAHT CF15, PET CF15 METAL FILAMENTS : ULTRAFUSE 316L (STAINLESS STEEL)
<u>OPEN FILAMENT SYSTEM :</u>	YES

UNIQUE PROPERTIES

- ARCHITECTURE : INDEPENDENT DUAL EXTRUDER (IDEX)**
- PRINTING MODES : Single mode, Duplication mode,
Mirror mode, Multimaterial mode,
Soluble Supports mode**

ELECTRIC PROPERTIES

- INPUT : AC 100-240V, AC 8,4-3,5A, 50-60HZ**
- MAXIMUM POWER CONSUMPTION : 840W**