

BCN3D SIGMA R19 3D Printer – Specification

Manufacturing Technology	Fused filament fabrication (FFF)
Printing Volume	210 x 297 x 210 mm (A4 size)
Number of Extruders	2
Nozzle Diameter	0.4 mm
Layer Height	0.1–0.32 mm
Line Width	0.32–0.5 mm
Infill Pattern	Grid / Lines / Triangles / Tri-hexagon / Cubic / Cubic Subdivision / Octet / Quarter Cubic / Concentric / Zig Zag / Cross / Cross 3D / Gyroid
Positioning Resolution	X & Y Axis : 0.0125 mm; Axis Z: 0.001 mm
Compatible Material	PLA / ABS / Nylon / PET-G / TPU / PVA / Composites / Others
Filament Diameter	2.85 ± 0.05 mm
Maximum Extruder Temperature	290 °C
Max. Printing Surface Temp.	100 °C
Official Slicer Software	BCN3D Stratos
Supported Files	.3mf / .amf / .ctm / .dae / .g / .gcode / .gcode.gz / .glb / .gltf / .ply / .obj / .stl / .x3d
Export File Extensions	.gcode