



snapmaker | J1

High Speed IDEX 3D Printer



Breakaway & Soluble Supports



Print in Parallel



Ultra-fast Printing



Advanced Materials Printing



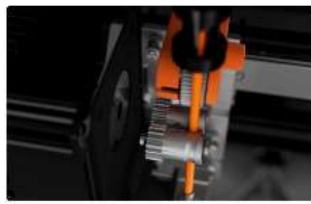
Intelligent Calibration



One-piece Die Casting



300°C Hot Ends



Dual Direct Drive



Compact Extrusion Path



Dissolvable Support



Easy-swap Hot Ends



Dual-material Printing



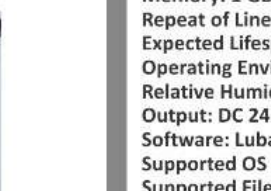
Built-in Nozzle Wipers



Copy Mode



Print in Parallel



Mirror Mode

SPECIFICATIONS

Technology : Fused Filament Fabrication (FFF)
 Extruder System: Independent Dual Extruders (IDEX)
 Printing Modes : Default Mode /Backup Mode /
 Copy Mode /Mirror Mode

Build Volume (W × D × H)
 Default Mode & Backup Mode: 300 × 200 × 200 mm
 Copy Mode: 160 × 200 × 200 mm
 Mirror Mode: 150 × 200 × 200 mm
 Layer Height (with 0.4 mm nozzle): 0.05 mm–0.3 mm
 Build Plate : PEI glass plate
 Max. Heated Bed Temperature: 100°C
 Nozzle Diameter: 0.4 mm (included)
 Max. Nozzle Temperature: 300°C
 Filament Diameter : 1.75 mm
 Supported Materials: PLA, ABS, HIPS, PC, TPU, TPE, PP,
 PETG, ASA, PVA, PA, PA-GF, PA-CF

Data Transfer : Wi-Fi, USB cable, USB flash drive
 Net Weight : 25 kg
 Touchscreen: Size: 5 in. / OS: Android
 Resolution: 1280 × 720 pixels
 Memory: 1 GB RAM, 8 GB eMMC
 Repeat of Linear Rails: ± 0.03 mm (X/Y) / ± 0.02 mm (Z)
 Expected Lifespan of Linear Rails: Over 10 Years
 Operating Environment: Temperature: 10°C–35°C
 Relative Humidity: 10%–90% (non-condensing)
 Output: DC 24 V, 400 W Max.
 Software: Luban (third-party software supported)
 Supported OS of Luban: Windows, macOS
 Supported File Formats: STL, OBJ, 3MF
 Output File Formats: Gcode