



HARDWARE: DESKTOP 3D PRINTER **COMPOSER**

Printing

Build area size	A4: 297 mm x 210 mm x 140 mm A3: 420 mm x 297 mm x 210 mm
Printing technology	Fused Filament Fabrication (FFF) Composite Fiber Co-extrusion (CFC)
Layer thickness, min	60µm
Printhead	Dual nozzle (FFF extruder; CFC extruder with reinforcing fiber cutting device)
Nozzle diameter, FFF	0.4 mm
Print speed, FFF	10 mm/sec — 80 mm/sec
Print speed, CFC	1 mm/sec — 10 mm/sec
Plastic filament diameter	1.75mm
Compatible plastics	Plastics with processing temperatures up to 270°C
Reinforcing fiber	Anisoprint CCF-1.5k, CBF
Buildplate surface	Glass

Temperature

Max. printhead operating temperature	270°C
Max. buildplate operating temperature	60°C (up to 120°C with open print chamber)

Software

Slicer	Anisoprint Aura (FFF+CFC), Cura, Slic3r (only FFF)
OS support	Windows 7, 8, 10, etc

Interfaces

Connectivity	SD-card slot, USB-Type B
LCD	A4: 3.5" touchscreen A3: 4.3" touchscreen

Power requirements

Voltage	220-240 V (optionally 100-120 V)
Frequency	50/60 Hz
Maximum consumption	A4: 800 W A3: 1000 W

Physical characteristics

Net Weight	A4: 25 kg / A3: 65 kg
Printer size (LxWxH)	A4: 610 mm x 400 mm x 400 mm A3: 720 mm x 630 mm x 490 mm
Gross Weight	A4: 38 kg / A3: 83 kg
Package size (LxWxH)	A4: 780 mm x 520 mm x 520 mm A3: 1050 mm x 760 mm x 630 mm