

XYZ da Vinci 1.0 Pro 3in1 - Specifications	
Print Technology	Fused Filament Fabrication (FFF)
Print Dimension (WxDxH)	200 x 200 x 190 mm (7.9 x 7.9 x 7.5 inch)
Layer Thickness	0.02 mm - 0.4 mm
Print Material	PLA/ ABS/ Tough PLA/ PETG, Selected type Carbon/ HIPS/ Metallic (selected nozzle usage only)
Nozzle Temperature	Max. 240 °C (464 °F)
Nozzle Diameter	0.4 mm
Filament Diameter	1.75 mm
Print Head	Single Nozzle
Printed Bed	Non-removable Metal
Printed Bed Temperature	40 ~ 90 °C (104 ~ 194 °F)
Auto Calibration	YES
STEPPING MOTOR	1.8° HB stepping motor
Positioning Precision XY	X/Y: 0.0125 mm
Positioning Precision Z	Z: 0.0004 mm
Suggest Max Print Speed	120 mm/s
Travel Speed	200 mm/s
Display Screen	2.6 inch LCM
Language	Multi Language
Filament Auto Feeding	YES
Product Dimension (WxDxH)	510 x 468 x 558 mm (20 x 18.4 x 22 inch)
Product Net Weight	23 kg (50.6 lbs)
Package Dimension (WxDxH)	560 x 590 x 700 mm (22 x 23.2 x 27.6 inch)
Package shipping weight	27.5 kg (60.5 lbs)
Print Software	XYZware Pro/ XYZmaker
3D Builder Support	YES
File Format	.stl, XYZ Format (.3w), G-code, .3mf
Operating systems	Windows 7, 8, 8.1 and 10, 64 bit, Mac OS X 10.10, OS X 10.11, OS X 10.12, Linux Ubuntu 14.04, Ubuntu 16.04, Note: Standard VGA driver on operating system, or a graphics card doesn't support OpenGL 2.1, may cause unknown error in XYZware Pro.
Hardware Requirements	X86 32/64-bit compatible PC : 3rd Generation Intel® Core™ i5 Processor or above with 8GB+ DRAM (for PC), 64-bit compatible Mac : 3rd Generation Intel® Core™ i5 Processor or above with 8GB+ DRAM (for Mac)
Scan Technology	Slit Laser Triangulation
Scan Resolution (Diameter x H)	3 x 3 cm – 15 x 15 cm/ 1.18 x 1.18" - 5.9 x 5.9"
Scan Resolution	2140 points/cm2 (13900 points/inch2)
Turntable Payload	≤3 Kg/6.6 lbs

Scan Accuracy	0.25 mm
Scan Software	XYZscan
Engraving Area	20 cm x 20 cm (7.9 x 7.9 inch)
Output Power	350mW $\pm$ 10%
Laser Engraver	Optional
Laser Wavelength	450nm + 5nm/-10nm InGaN
File Types	JPG / PNG / GIF / BM
Laser Engraving Software	XYZware Pro
Power Requirements	100V~240V 200W
Connectivity	USB 2.0 Cable/Wi-Fi 802.11 b/g/n
Operating Temperature	15 ~ 32 °C (59 ~ 90 °F)
Storage Temperature-Filament	0 ~ 38 °C (32 ~ 100 °F)