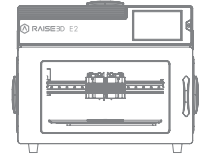


Technical Specifications



ITEM	E2		
CONSTRUCTION	Build Volume (W×D×H)		
	Single Extruder Print	Dual Extruder Print	
	13×9.4×9.4 inch / 330×240×240 mm	11.6×9.4×9.4 inch / 295×240×240 mm	
	Machine Size (W×D×H)		
	23.9×23.5×18.3 inch / 607×596×465 mm		
	Net Weight	Gross Weight (Carton Only)	Gross Weight (Carton with Pallet)
	35 Kg	41.3 Kg	50 Kg
ELECTRICAL	Power Supply Input	100-240 V AC, 50/60 Hz 230 V @ 2 A	
	Power Supply Output	24 V DC, 350 W	
PRINTER	Print Technology	FFF	
	Print Head System	Independent Dual Extruders	
	Filament Diameter	1.75 mm	
	XYZ Step Size	0.78125, 0.78125, 0.078125 micron	
	Print Head Travel Speed	30 - 150 mm/s	
	Build Plate	Flexible Steel Plate with Buildtak	
	Max Build Plate Temperature	110 °C	
	Heated Bed Material	Silicone	
	Build Plate Leveling	Mesh-leveling with Flatness Detection	
	Supported Materials	PLA/ ABS/ HIPS/ PC/ TPU/ TPE/ NYLON/ PETG/ ASA/ PP/ PVA/ Glass Fiber Infused/ Carbon Fiber Infused/ Metal Fill/ Wood Fill	
	Layer Height	0.02 - 0.25 mm	
	Nozzle Diameter	0.4 mm (Default), 0.2/ 0.6/ 0.8/ 1.0 mm (Available)	
	Hot End	V3P (V3 hotend with PTFE version)	
	Max Nozzle Temperature	300 °C	
	Connectivity	Wi-Fi, LAN, USB port, Live camera	
	Noise Emission (Acoustic)	< 50 dB(A) when building	
	Operating Ambient Temperature	15 - 30 °C, 10 - 90% RH non-condensing	
	Storage Temperature	-25 to 55 °C, 10 - 90% RH non-condensing	
	Technical Certifications	CB, CE, FCC, RoHS, RCM	
	Filter	HEPA filter with activated charcoal	
SOFTWARE	Slicing Software	ideaMaker	
	Supported File Types	STL/ OBJ/ 3MF/ OLTP	
	Supported OS	Windows/ macOS/ Linux	
	Machine Code Type	GCODE	
PRINTER CONTROLLER	User Interface	7-inch Touch Screen	
	Network	Wi-Fi, Ethernet	
	Resume Print after Power Outage	Firmware recording, no need for battery installation.	
	Screen Resolution	1024×600	
	Motion Controller	Atmel ARM Cortex-M4 120MHz FPU	
	Logic Controller	NXP ARM Cortex-A9 Quad 1 GHz	
	Memory	1 GB	
	Onboard Flash	8 GB	
	OS	Embedded Linux	
	Ports	USB 2.0×2, Ethernet×1	