

Duplication Mode

Use both extruders in synchronized printing, doubling production capabilities.



MAPTEC COMPUTER SYSTEMS

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Precise, Reliable, and Affordable



An easy-to-use, durable desktop 3D printer ready to increase precision standards, scale production, and add a powerful new manufacturing resource.



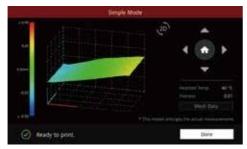
Mirror Mode

Produce 3D models and their inverse simultaneously, increasing productivity and reducing print time.

Auto Bed Leveling

Confirms the printing platform is level whenever preparing to print. ABL maintains the distance between the print nozzles and bed, creating a uniform build area. Improves bed adhesion and print quality by allowing the extruder to adjust to even minor surface contour changes.



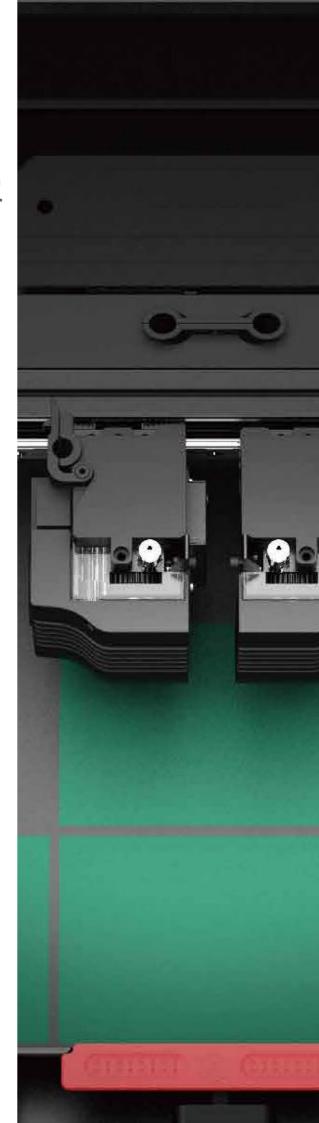


Industry First Video-Assisted Offset Calibration System

Spend less time calibrating and more time printing.









Safety Features

Opening a door is detected automatically, immediately pausing the print and keeping users safe.



Power Saving Button

Turn off the RaiseTouch screen and LED lights to save energy and print throughout the night.



Flexible Build Plate

Easily remove prints from the flexible build plate while minimizing potential print damage to quickly return to printing.



Variety Of Material Compatibility

Shortened feed paths greatly enhances the printing capability for soft materials like TPU.

More Features

- Power Loss Recovery
- Filament Run-out Sensor
- Remote Video Monitoring



- 7-inch Touch Screen
- Remote User Interface
- HEPA Air Filtration
- Capable of Printing a Variety of Filaments up to 300°C

Technical Specifications



ITEM	E2		
	Build Volume (W×D×H)		
CON	Single Extruder Print		Dual Extruder Print
CONSTRUCTION	13×9.4×9.4 inch / 330×240×240 mm		11.6×9.4×9.4 inch / 295×240×240 mm
JCTI	Machine Size (W×D×H)		
8	23.9×23.5×18.3 inch / 607×596×465 mm		
ELECTRICAL	Power Supply Output	100-240 V AC, 50/60 Hz 230 V @ 2 A 24 V DC, 350 W	
AL			
	Print Technology Motion System	FFF Independent Dual Extruders	
	Filament Diameter	1.75 mm	
	XYZStep Size	0.78125, 0.78125, 0.078125 micron	
	Print Head Travel Speed	30 - 150mm/s	
	Build Plate	Flexible Steel Plate with Buildtak	
	Max Build Plate Temperature	110℃	
	Heated Bed Material	Silicone	
	Build Plate Leveling	Mesh-leveling with Flatness Detection	
PRINTER	Supported Materials	PLA/ ABS/ HIPS/ PC/ TPU/ TPE/ NYLON/ PETG/ ASA/ PP/PVA/ Glass	
THE		Fiber Infused/ Carbon Fiber Infused/ Metal Fill/ Wood Fill 0.4 mm (Default) 0.2/ 0.6/ 0.8/ 4.0 mm (Available)	
20	Nozzle Diameter	0.4 mm (Default), 0.2/ 0.6/ 0.8/ 1.0 mm(Available) V3P (V3 hotend with PTFE version)	
	Hoten	300 °C	
	d Max Nozzle	Wi-Fi, LAN, USB port, Live camera	
	Temperature Connectivi	< 50 dB(A) when building	
	ty Noise Emission (Acoustic)	15 - 30 °C, 10 - 90% RH non-condensing	
	Operating Ambient Temperature	-25 to 55 °C, 10 -90% RH non-condensing	
	Storage Temperature	CB, CE, FCC, RoHS	
	Technical Certifications	HEPA filter with activated charcoal Filter	
	Slicing Software	ideaMaker	
SC	Supported File Types	STL/ OBJ/3MF	
)FTW	Supported OS	Windows/ macOS/ Linux	
SOFTWARE	Machine Code Type	GCODE	
	User Interface	7-inch Touch	Screen
	Networ	vor Wi-Fi, Ethernet	
PR	k Resume Print after Power		
PRINTER CONTROLLER	Outage	1024*600	
R	Screen Resolution	Atmel ARM Cortex-M4 120MHz FPU	
ON T	Motion Controller	NXP ARM Cortex-A9 Quad 1 GHz	
ROL	Logic Controller	1GB	
E	Memory	8GB	
	Onboard Flash	Embedded Linux	
	OS	USB 2.0*2, Ethernet*1 Ports	