

Printer	E2CF	
Build Volume (W×D×H)	Single Extruder Print	Dual Extruder Print
	330×240×240 mm	295×240×240 mm
Machine Size (W×D×H)	607×596×465 mm	
Electrical	Power Supply Input	100-240 V AC, 50/60Hz 230 V @ 2A
	Power Supply Output	24 V DC, 350 W
General	Print Technology	FFF
	Print Head System	IDEX 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
	Filament Run-out Sensor	Available
	Supported Materials	PA12 CF, PA12 CF Support, OFP Certified Third-Party Filaments
	Layer Height	0.1 - 0.25mm
	Nozzle Diameter	0.4 mm (Default), 0.6/ 0.8 mm (Available)
	Hot End	V4P
	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
	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
	Power Loss Recovery	Available
	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