

QIDI Q2C

Technical Specification

Item		Specification
Printing Technology		Fused Deposition Modeling
Body	Print Size (W*D*H)	270*270*256 mm
	Dimensions	402*438*494 mm
	Package Dimensions:	480*520*585mm
	Net Weight:	16.9kg
	Gross Weight:	22.1kg
	XY Structure	CoreXY
	X Axis	High Hardness Linear Guide Rail
	Y Axis	8mm High Hardness Linear Hollow Steel Shafts
	Z Axis	Dual Independent Lead Screw Motors, 10mm Linear Shafts and Screws
	Shell	Glass and Plastic
	Chassis	Steel
	Motor	42-48 High-Speed Motor
Print Head	Print Head Temperature	≤ 370°C
	Extruder Gear	Hardened Steel Dual Gears
	Transmission Ratio	8.9: 1
	Hotend	Ceramic Plate Heating, Multi-metal Only Need 40s Heating from 30°C to 220°C
	Temperature Measurement Unit	Thermocouple
	Nozzle	Bimetal Nozzle
	Nozzle Diameter	0.4mm 0.2/0.6/0.8 mm Optional
	Filament Cutter	Yes
	Filament Diameter	1.75mm
Hot Bed	Printing Platform	Aluminum Substrate Heating Bed
	Printing Plate	Double-sided PEI Magnetic Build Plate
	Hot Bed Temperature	≤ 120°C
Speed	Max Speed of Tool Head	600mm/s
	Maximum Printing Acceleration	20000mm/s ²
Cool Down	Hot End Cooling Fan	4-Pin PWM Fan with RPM Feedback
	Model Cooling Fan	4-Pin PWM Fan with RPM Feedback
	Auxiliary Part Cooling Fan	4-Pin PWM Fan with RPM Feedback
	Motherboard Fan	Voltage-controlled Fan
	Chamber Circulation Fan	Voltage-controlled Fan
	Chamber Temperature	No
	Air filter	Optional
Filament	Supported Filament	PLA, ABS, ASA, PETG, TPU, PA, PC, Carbon/ Glass Fiber Reinforced Polymer, etc.
	Seal Print	Compatible
Sensor	Filament Tangle Detection	Yes (QIDI BOX required)
	Filament Run Out Sensor	Yes
	Automatic Leveling	Loadcell Sensor Integrated into the Hotend
	Input Shaper	Yes
	Power Loss Recovery	Yes
	AI Camera Detection	No
Power Supply	Voltage	110V / 220-240V AC, 50/60Hz (region-specific models available)
	Rated Power	350W
Electronics	Display Screen	4.3 Inch 480*272 Touch Screen
	Storage	32G EMMC and USB2.0 Flash Drive
	Camera	Optional(Timelapse Supported)
	Stepper Motor Driver	TMC2240
	Motion Controller	Single-Core Cortex-M4
	Application Processor	Quad-Core 1.1GHz Cortex-A35
	Extruder Independent Processor	Single-Core Cortex-M4
	Control Interface	Touch Screen, Mobile APP, PC Application
	Connectivity	Wi-Fi ; Ethernet; USB
WIFI	Wifi Frequency Bands	2.4 GHz
	Transmitter Power (EIRP)	18 dBm (MAX)
	Protocol	IEEE 802.11b/g/n
Software	Slicer	QIDI Studio and other third-party software, such as PrusaSlicer, Orca etc, but certain advanced features may not be supported.
	File Formats for Slicing	STL, OBJ, 3MF, STEP (.stp/.step), etc.
	Operating System	Windows、 MacOS、 Linux