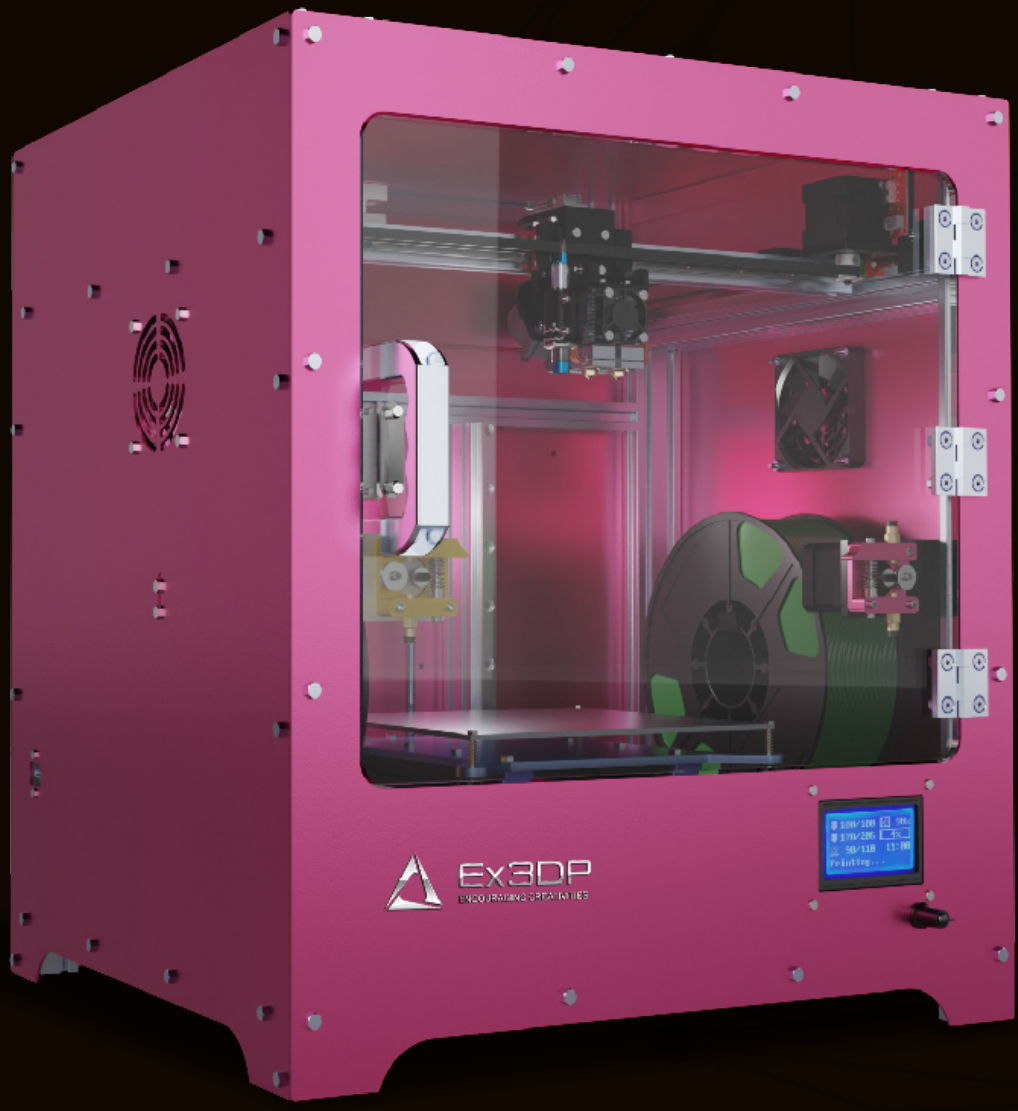
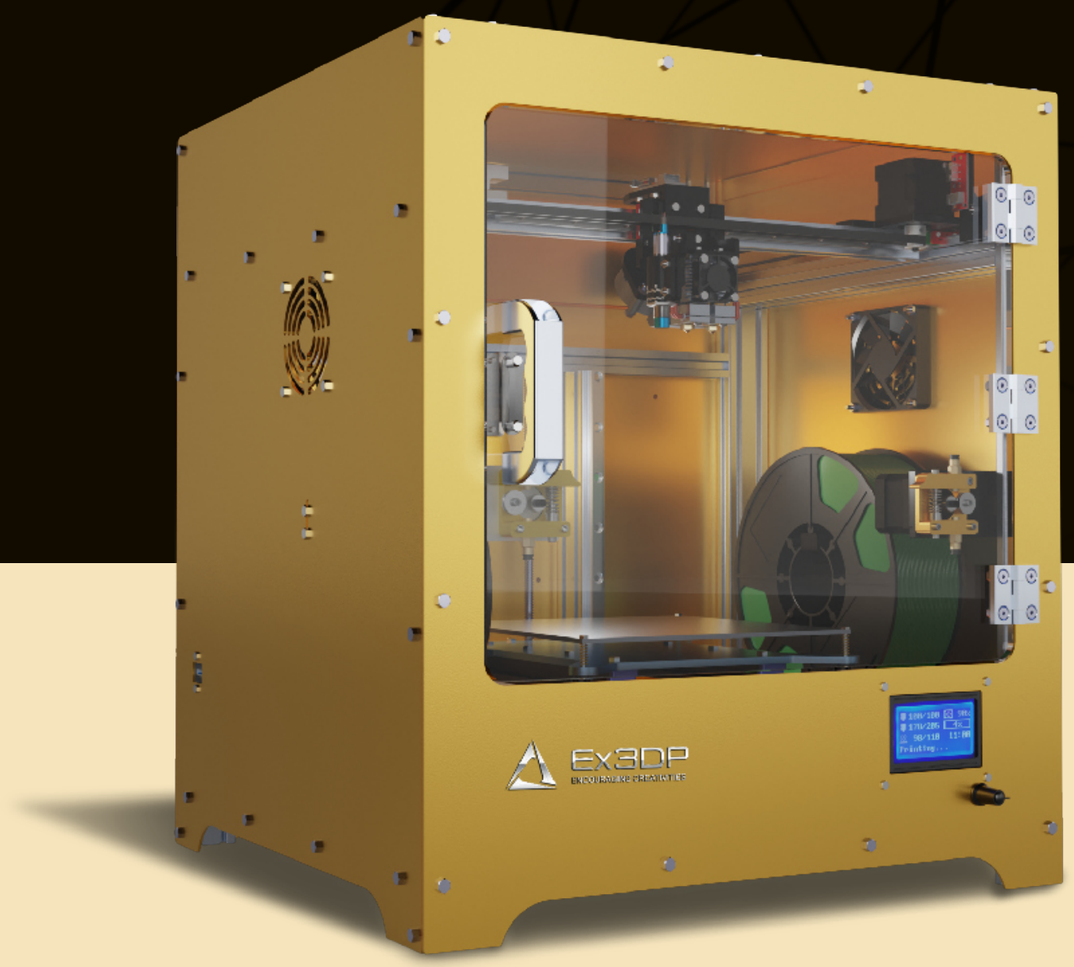
Ex3DP
Embracing Excellence



RT Series

Technical Specification Sheet



RT Series

Make. Sell. Earn

RT Series is designed for everyone with product ideation - small, mid-scale businesses, artists, homemakers, specially-abled, and hobbyists - to test ideas, create final products, and create a market. Its practical build volume, fully automated operations, fast printing, and WiFi control provide the flexibility required for people high on collaboration, swift on idea testing, and wild in creating new possibilities. So, no matter if you are testing different architectural models, envisioning a new style statement, or creating a new product—we've got all your colorful ideas covered with RT Series.

Key features

Different sizes. Astonishing results

RT Series is designed to help different types of creators. It comes in build sizes of 200 mm (Width [x]) x 200 mm (depth [y]) x 200 mm (height [z]). So no matter if you're building a teeny-tiny raw material or printing a medium-sized accessory, RT series has you covered.

All day. All night.

RT Series runs even when you sleep. With more than 100 hours of continuous run-time, you can print without interruption and get even your most complex designs ready quickly.

Wide Range of Filament support for a Wide Range of Ideas.

RT Series supports many types of filaments to print most types of products. Compatible filaments include PLA, PVA, ABS, HIPS, ASA, PETG, and PP.

Anywhere. Anytime.

Seamless integration between the software and hardware with Wifi control and USB support allows for flexible printing. You can, from anywhere, anytime, start a print by sending your 3D digital file to RT Series using the mobile app or desktop software. When the connection's off, use the USB to send the file and the printer will automatically adjust to get the printing started.

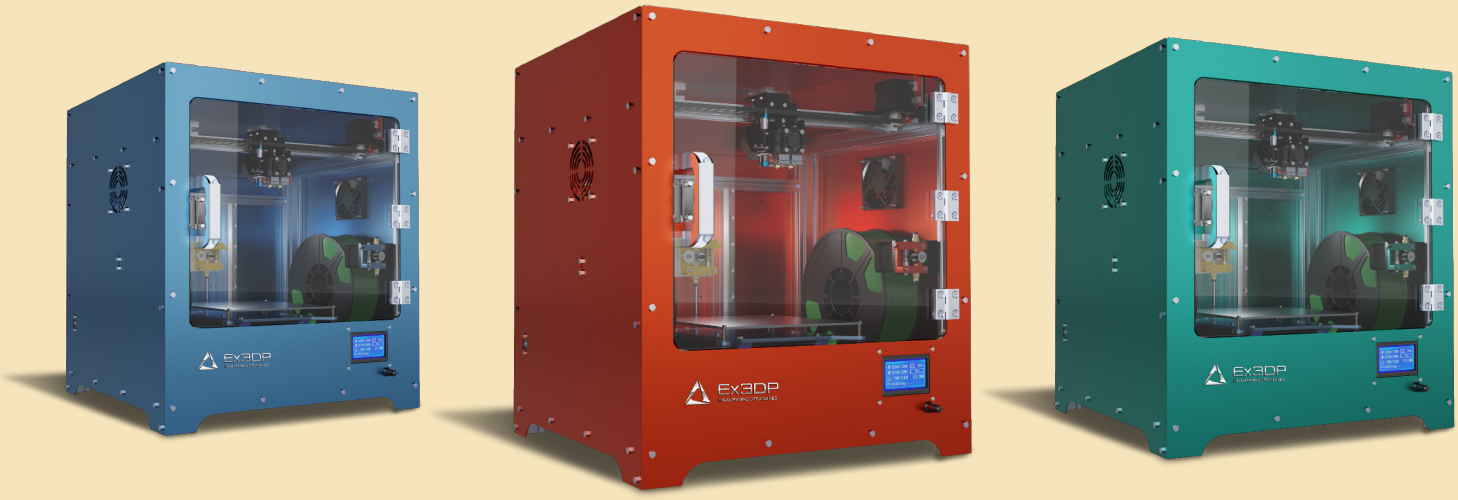
Dual Extruders

Print complex designs simply. With dual extruders, you can use two materials at the same time. It opens up new ways to bring your imagination to life with different colors, easily dissolvable support material for a precise finish, faster printing, and higher strength.

Smooth and Silent

An advanced motherboard with TMC 2209 drivers adds so much power with so little noise. RT Series prints silently, so you can continue with your discussions with printing happening in the same room.

Specifications	RT Mini	RT Pro
Technology	FFF (Fused Filament Fabrication)	FFF (Fused Filament Fabrication)
Type	Cartesian	Cartesian
Types of extruder	Bowden extruder	Bowden extruder
No. of extruders (RT MMini)	One (Single)	Two (Dual)
Build Volume	200 x 200 x 200 mm3	200 x 200 x 200 mm3
Filament Diameter	1.75 mm	1.75 mm
Layer resolution	0.08 mm	0.08 mm
XYZ accuracy	0.1 mm	0.1 mm
Print head travel spe eed	200 mm/s	200 mm/s
Printing Speed	80 -100 mm/s	80 -100 mm/s
Build Plate	Heated (Al) build plate	Heated (Al) build plate
Build Plate Temperat ture	Up to 105°C	Up to 105°C
Materials	PLA, TPU, PETG, ASA* , Wood Filled, ABS*	PLA, TPU, PETG, PVA, HIPS, ASA* , Wood Filled, ABS*
Nozzle diameters	Std. nozzle provided – 0.4 m mm	Std. nozzle provided – 0.4 m mm
No. of Nozzles (RT MiMini)	One (Single)	Two (Dual)
Nozzle Temperature	180° to 245° C	180° to 245° C
Connectivity	USB, Wi-Fi	USB, Wi-Fi
Power Requirements		
Input	100-240V, 4A, 50-60Hz, 221 W max	100-240V, 4A, 50 - 60Hz, 221 W max
Output	24V DC, 9.2A	24V DC, 9.2A
Software		
Supported OS	Mac OS, Windows and Linux	Mac OS, Windows and Linux
File types	STL and OBJ	STL and OBJ



1.	Warranty	12 Months warranty against manufacturing defects + 12 Months free repairing 3 monthly free servicing (8 free servicing sessions in 24 months)-
2.	Heat Bed	Magnetic sheet +PEI sheet for easy print removal
3.	Printer appearance	Enclosed and robust metallic body
4.	Motion system	Linear rail + Lead screw
5.	Print failure recovery	No need to bother about electricity failures. Prints can be resumed easily from the last print position
6.	Bed leveling	Auto bed leveling
7.	Installation & Training	Installation through video. Two free video sessions to get used with the printer 15 days from the date of purchase. If required extra training sessions will be arranged. Such sessions will be chargeable.

Note :

1. ABS and ASA to be printed in a properly ventilated environment. Printer door should be closed and all the necessary precautions to be taken as informed during the installation sessions.

2. Servicing session should be booked well in advance to avoid the delays. For servicing, printer should be sent to company location or necessary pick and drop charges to be paid by the customer.

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Conect with us

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