

X5

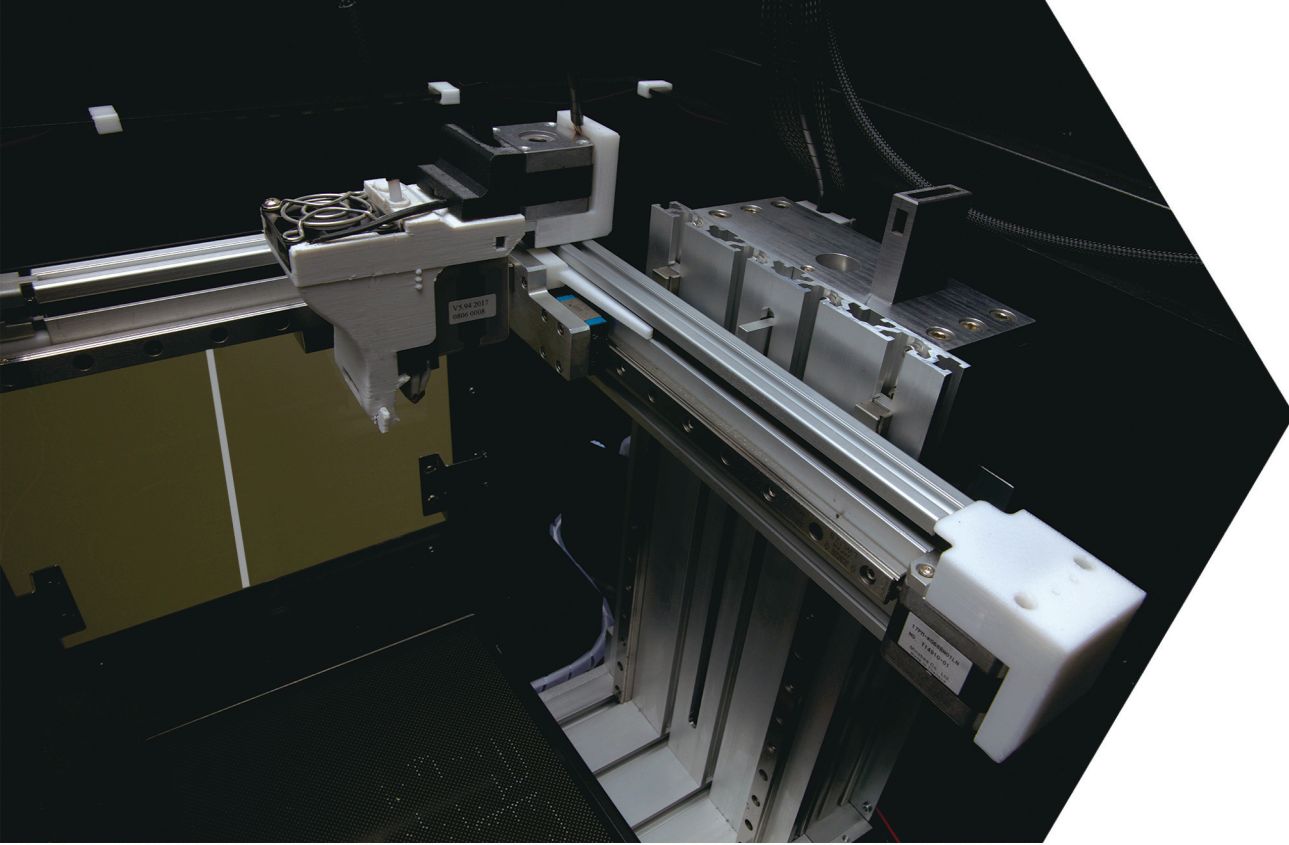
Short-Run Workhorse



- ▶ Auto-Swapping Build Plate + Tiertime Print Queue
- ▶ 7-Inch LCD Touchscreen and Clear Top Cover
- ▶ Dual Filtration System
- ▶ Three USB Ports

Designed and Manufactured by Tiertime Corporation

Distributed by
 Learning Labs, Inc.
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The X5 is a breakthrough in 3D printing, designed from the ground up for low-volume manufacturing. Capable of automatically feeding up to 12 print beds onto its build plate and reloading during printing, it provides a continuous 3D printing experience.

Auto-Swapping Build Plate + Tiertime Print Queue

Featured with an auto-swapping print bed system, automatically loading fresh print plates onto the build bed after the previous print job is complete. Thanks to the new Tiertime Print Queue, the result is a software-controlled, multi-part production solution.

Touchscreen and Clear Top Cover

7" LCD screen reports print queue progress and the printer's transparent top makes visual build confirmation effortless.

Extra USB Port

For optional add-ons, such as a USB camera for remote print monitoring.



Dual Filtration System

The X5 includes Tiertime's 2018 air filtration system, specifically designed for large build chambers. Air is recirculated through separate HEPA and activated carbon filters, radically reducing toxic UFP and VOC emissions.



Specifications

Printing Technology	MEM (Melted Extrusion Modeling)
Extruder	Single
Nozzle Diameter	0.4 mm
Extruder Maximum Temperature	299°C
Extruder Maximum Travel Speed	200 mm/sec
XYZ Accuracy	2, 2, 0.5 micron
Connectivity	USB cable, Wi-Fi, LAN and USB Stick
Touch Screen	7" Full Colored LCD Screen
Build Volume	180 x 230 x 200 mm (7.1" x 9.1" x 7.9") (XYZ)
Printed Object Accuracy	±0.1 mm/ 100 mm
Calibration and Leveling	Manual Calibration and leveling
Layer Resolution	0.05/0.1/0.15/0.2/0.25 /0.3/0.35/0.4 mm
Print Surface	UP Perf, Heated
Dual Filtration System	HEPA and Activated Carbon Filters
Pause to Change Filament Type	Yes
Filament	UP Fila ABS, ABS+, PLA, TPU and more
Filament Diameter	1.75 mm
Tiertime Print Queue	Yes
Filament Spool Compatibility	500 - 2000 g
Filament Spool Holder Compatibility	500 - 1000 g
Compatible for 3rd Party Materials	Yes

Software

Software	UP Studio
Supported OS	Windows 7 SP1 or later Mac OS X, iOS 8.x/9.x
Importable File Formats	up3, .ups, .stl, .obj, .3mf, .ply, .off, .3ds, .gcode
Preview Support Structures	Yes
Editable Support Structures	Yes
Cloud Based Print Settings	Yes

Dimensions

Machine Dimensions	850 x 625 x 520 mm (33.5" x 24.6" x 20.5")
Net Weight	50 kg

Environment

Operating Ambient Temperatures	15 - 30°C, 20 - 70% RH non
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Requirements

Power Input	110-240 VAC, 50-60 Hz, 220 W
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