

THE TURNKEY INDUSTRIAL 3D PRINTER FOR EVERY TYPE OF FUNCTIONAL PART

Advanced hardware, electronics, and software
designed to give you a seamless user experience



X7

X7 enables engineers and designers to fundamentally improve their manufacturing operation at light speed.

3D Print flame retardant parts and ESD resistant parts reinforced with Markforged's full range of Continuous Fibers.

X7 (Gen 2)

The X7 prints industrial-grade manufacturing jigs, jaws, tools, fixtures, and end-use parts. Designed from the ground up to survive the production floor environment and capable of printing parts stronger than machined aluminum for a fraction of the cost, the X7 delivers unparalleled surface finish, build size, and reliability. Accelerate part production with Turbo Print, our fastest print mode — only available on the X7.

Printer Properties	Process	Fused filament fabrication, Continuous Filament Fabrication
	Build Volume	330 x 270 x 200 mm (13 x 10.6 x 7.9 in)
	Weight	48 kg (106 lbs)
	Print Bed	584 x 483 x 914 mm (23 x 19 x 36 in)
	Machine Footprint	Kinematic coupling — flat to within 80 µm
	Laser	In-process inspection, active print calibration, bed leveling
	Extrusion System	2 nd generation extruder, out-of-plastic & out-of-fiber detection
	Power	100–240 VAC, 150 W (2 A peak)
	RF Module	Operating Band 2.4 GHz Wi-Fi Standards 802.11 b/g/n
Materials	Plastics Available	Onyx, Onyx FR, Nylon White
	Fibers Available	Carbon fiber, Fiberglass, Kevlar®, HSHT fiberglass
	Tensile Strength	800 MPa (25.8x ABS, 22.2x Onyx) *
	Flex Modulus	51 GPa (24.8x ABS, 14.2x Onyx) *
Part Properties	Layer Height	100 µm default, 50 µm minimum, 250 µm maximum
	Infill	Closed cell infill: multiple geometries available
Software	Supplied Software	Eiger Cloud (Other options available at cost)
	Security	Two-factor authentication, org admin access, single sign-on

