

PRODUCT SPECIFICATIONS

# X7 (Gen 2) Field Edition

The X7 Field Edition is a ruggedized, field-deployable industrial 3D printer designed for tactical response to inventory challenges in remote locations. Increase supply chain resilience by printing tools, adapters, and replacement parts for equipment at the point of need.

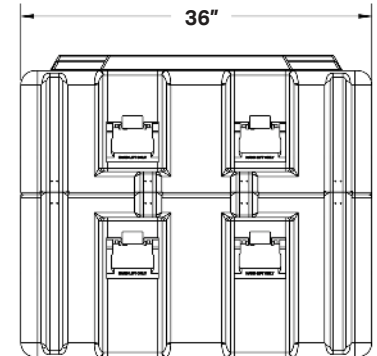
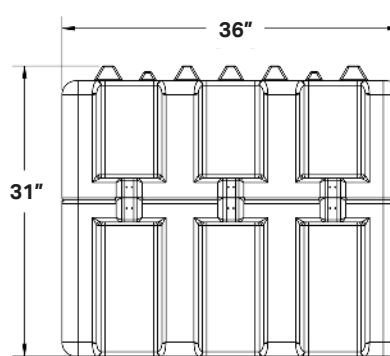
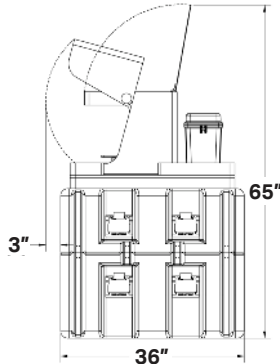
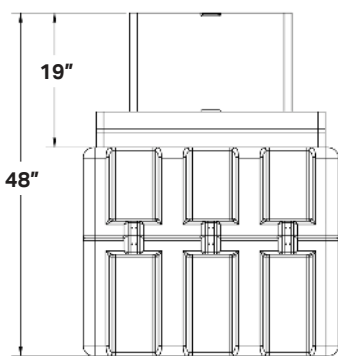
<b>Printer Properties</b>	<b>Printer Model</b>	X7 (Gen 2)
	<b>Process</b>	Fused Filament Fabrication, Continuous Filament Fabrication
	<b>Build Volume</b>	330 x 270 x 200 mm (13 x 10.6 x 7.9 in)
	<b>Case Weight</b>	86 kg (189 lbs)
	<b>Case Footprint</b>	914 x 914 x 762 mm (36 x 36 x 31 in)
	<b>Print Bed</b>	Kinematic coupling — flat to within 80 µm
	<b>Laser</b>	In-process inspection, active print calibration, bed leveling
	<b>Extrusion System</b>	Second-generation extruder, out-of-plastic and out-of-fiber detection
	<b>Power</b>	100–240 VAC, 150W (2A peak)
	<b>RF Module</b>	Operating Band 2.4 GHz Wi-Fi Standards 802.11 b/g/n **
<b>Materials</b>	<b>Plastics Available</b>	Onyx, Onyx FR, Onyx ESD, Nylon White
	<b>Fibers Available</b>	Carbon Fiber, Carbon Fiber FR, Fiberglass, Aramid Fiber (Kevlar®), HSHT Fiberglass
	<b>Tensile Strength</b>	800 MPa (25.8x ABS, 2.6x 6061-T6 Aluminum) *
	<b>Tensile Modulus</b>	60 GPa (26.9x ABS, 0.87x 6061-T6 Aluminum) *
<b>Part Properties</b>	<b>Layer Height</b>	100 µm default, 50 µm minimum, 250 µm maximum
	<b>Infill</b>	Closed cell infill: multiple geometries available
<b>Software</b>	<b>Eiger Cloud</b>	Slicer, part / build management (other options available at cost)
	<b>Security</b>	Two-factor authentication, org admin access, single sign-on
	<b>Blacksmith</b>	Adaptive manufacturing platform (additional purchase required)

**FRONT VIEW (DEPLOYED)**

**SIDE VIEW (DEPLOYED)**

**FRONT VIEW (PACKED)**

**SIDE VIEW (PACKED)**



\* Continuous carbon fiber data. **Note:** All specifications are approximate and subject to change without notice. \*\* No-wifi version available. Dupont™ and Kevlar® are trademarks and registered trademarks of E.I. du Pont de Nemours and Company.