

Technical Specification

Technology	FDM
Printer Dimensions	1244 × 1164 × 1441 mm (L × W × H)
Build Volume	800 × 800 × 1000 mm (L × W × H)
Printing Platform Size (PEI Area)	820 × 820 mm
Net Weight	104 kg
Printing Speed	Max 300 mm/s
Acceleration	Max 5000 mm/s²
Printing Accuracy	±0.1 mm
Nozzle Temp	Max 300°C
Heated Bed Temp	Max 100°C (Ambient Temperature: 25°C)
Extruder	Dual-Gear Direct Drive
Supported Filament	PLA, PETG, TPU
Motherboard	ARM 64-Bit High-Speed Klipper
Display	10.1-inch HD Capacitive Touchscreen
Connectivity	Wi-Fi, LAN, USB
Power Requirement	100-120V / 220-240V, 50/60Hz
Slicing Software	ELEGOO Slicer (Recommended)
Supported File Formats	STL, OBJ

What's in the Box



OrangeStorm Giga 3D Printer



Printhead



Screen



Leveling Plate x 2pcs



Spool Holder Arm



Spool Holder



Filament Breakage Detector x 2pcs



Z-Axis Caterpillar Cable Tracks Clip



Z-Axis End Stop x 2pcs



Filament Guide Assembly



Detached Spool Holder Assembly



Power Cable



Leveling Card



Grease



Profile Corner Bracket x 8pcs



Tool Kit



Backup Screws



User Manual

OrangeStorm Giga

Free Your Mind, Dare to Think Big



Contact Us

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Order Support: info@elegoo.com



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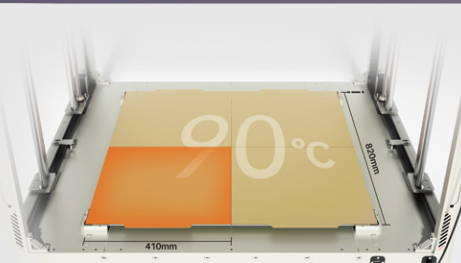


Ultra-Large Build Volume

With a massive 800 × 800 × 1000 mm build volume, OrangeStorm Giga stands as the largest consumer-grade FDM 3D printer. Print full-scale models in one piece, eliminating the need for segmentation and assembly.

Efficient Heated Bed

Four independent PEI magnetic platforms heat up to 100°C in 17 minutes. The printer can automatically detect and heat only the area where the model is placed for better energy efficiency.

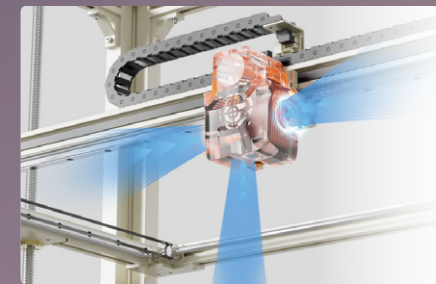
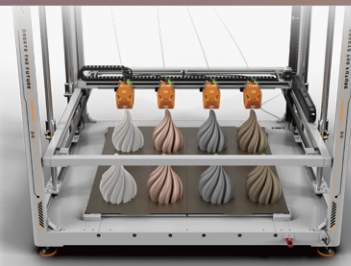


Fast Printing

Powered by a 64-bit quad-core processor, the printer achieves up to 300 mm/s print speed (150mm/s recommended), making it one of the fastest of its size.

Multi-Nozzle Printing

Supports up to four print heads operating simultaneously, allowing for four identical models to be printed in multiple colors, expanding creative possibilities.

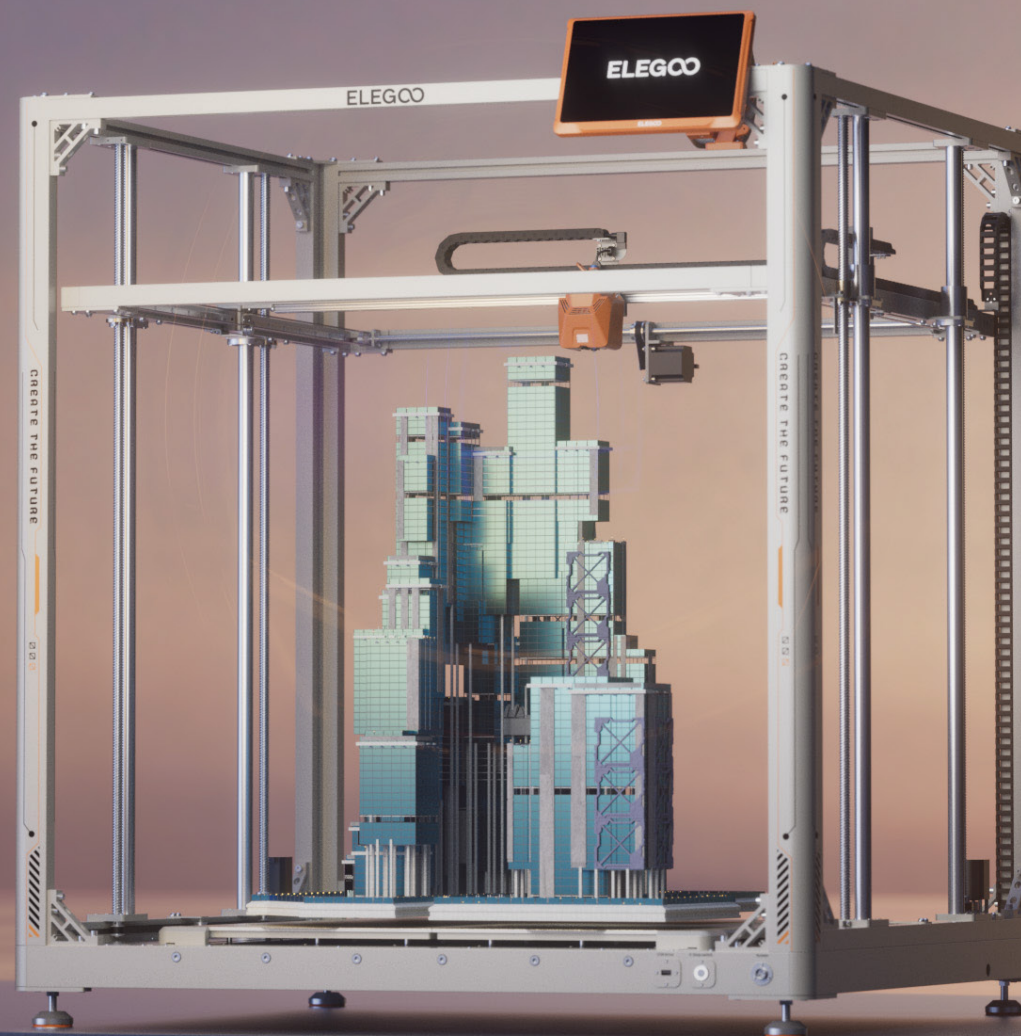
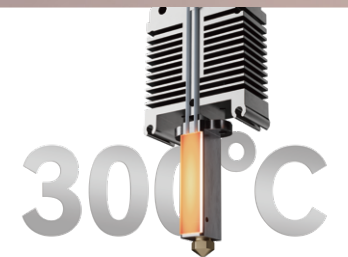


Advanced Cooling System

Featuring double-sided thickened cooling fans for optimal performance, with smart control function that stops them after printing—saving energy and reducing noise.

Powerful Extrusion System

With a high-quality brass nozzle that heats up to 300°C, the printer easily handles high-temp materials, while PID auto-calibration maintains precise temperature control for consistently great results.



User-Friendly Designs



Auto-Leveling

Skip the setup.
Start printing faster



Filament Runout Sensor

Prevents print failures caused
by insufficient filament



Power Loss Recovery

Resumes printing after
power outage



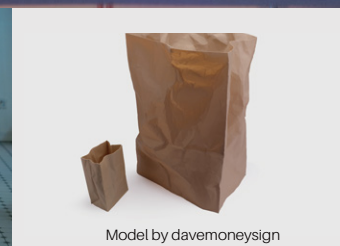
Portable 10.1-inch HD Capacitive Touchscreen

Flexible control,
right in your hand

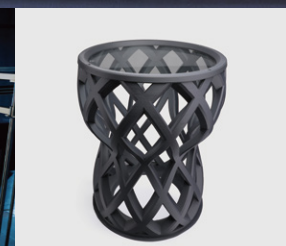
Applications



Model by miniworld3d (IG)



Model by davemoneysign



Model by DroidDivision

