

Dimensions & Weight

Build Volume: 256 × 256 × 256 mm
Product Size (Combo): 500 × 480 × 743 mm
Net Weight: 19.35 kg
Gross Weight: 23.8 kg

Speed

Printing Speed: Max 500 mm/s
Acceleration: Max 20,000 mm/s²

Tool Head

Nozzle Diameter: 0.4 mm (default)
Printing Accuracy: ± 0.1 mm
Layer Thickness: 0.1–0.4 mm

Heated Bed

Build Plate: PLA Specific & Textured PEI Dual-Sided Plate
Leveling Method: Automatic Leveling

Supported Filament

Recommended: PLA, PETG, ABS, ASA
Compatible: PC, PA, PET, Fiber-Reinforced Filaments
Filament Diameter: 1.75 mm
Filament Cutter: Yes

Temperature

Max. Heated Bed Temperature: 110 °C
Max. Nozzle Temperature: 350 °C

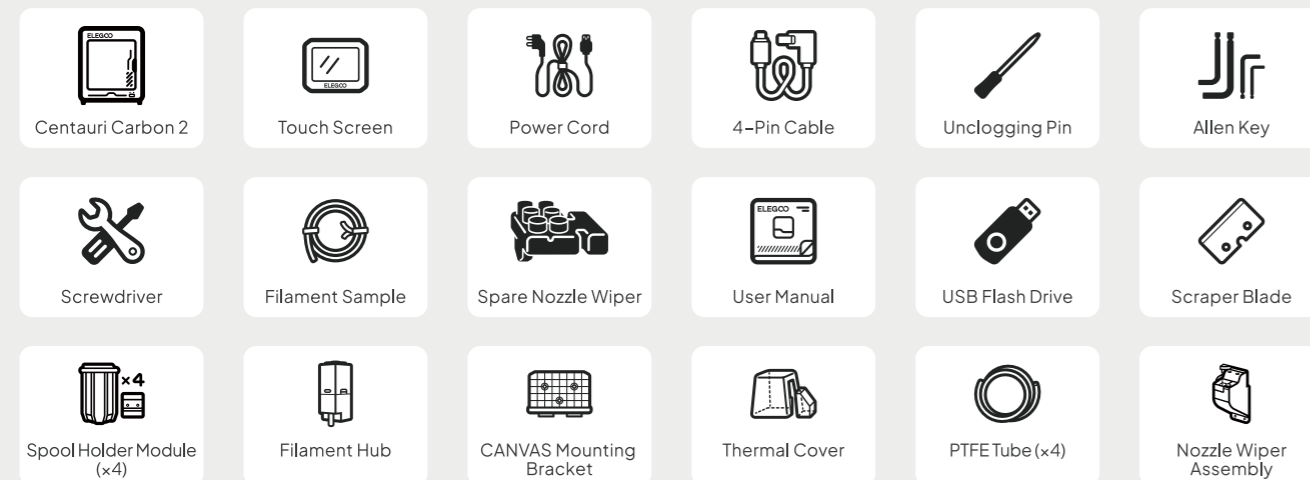
Software

Slicing Software: ELEGOO Slicer, Orca, Cura
Supported File Formats: STL, OBJ, 3MF, STEP
Printing File Format: Gcode

Electronics

Display: 5-inch Full-color Capacitive Touch Screen
Connectivity: USB, Wi-Fi

What's in the Box



Contact Us

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Centauri Carbon 2 Combo

Bring the Magic Box Home



Centauri Carbon 2 Combo is a family-friendly multicolour FDM 3D printer that makes colourful creation simple from day one. Fast, quiet and highly capable, it helps beginners print with confidence while giving makers, designers and small studios space to create more ambitious work.

4-Color Printing with CANVAS

Multicolor printing made effortless. Switch colors instantly with pre-loading and auto-refill, while RFID detection identifies filament types and suggests the right settings.



More Materials for Your Ideas

From toys and decor to stronger household parts, print with more everyday and high-performance filaments.



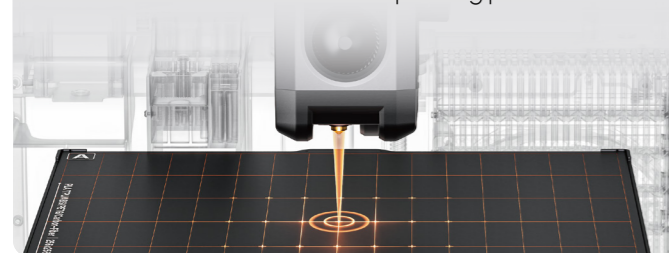
Smart Temperature Control

The smart grille helps adjust airflow to keep the chamber temperature steady, so different materials print more reliably at home.



Easy from Start to Finish

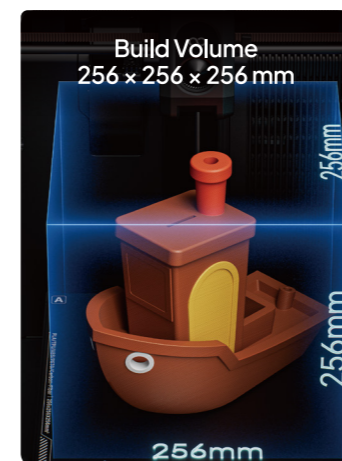
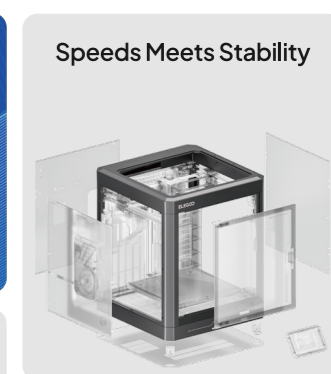
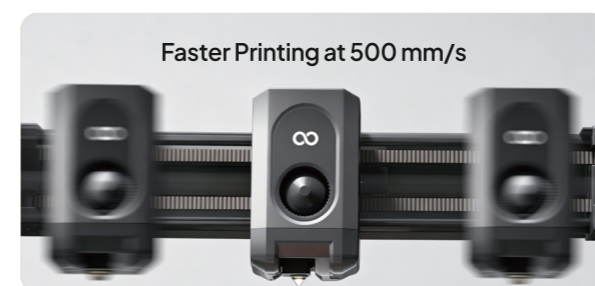
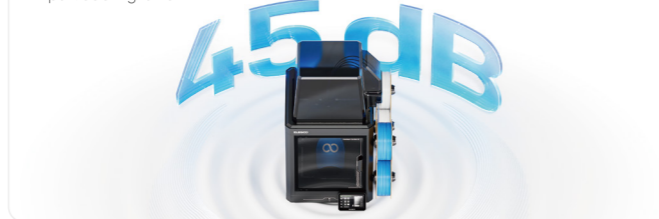
Upgraded auto-leveling and auto-calibration reduce prep time, while 31 smart sensors help monitor and control the entire printing process.



Quiet Enough for Home

Print at a whisper-quiet 45 dB that blends right in to your home—ideal for shared spaces, day or night.

*Data from Elegoo Lab. Tested with ELEGOO PLA in Silent Mode with the auxiliary part cooling fan off.



A Fully Integrated Ecosystem

Streamline your workflow and spark creativity with the ELEGOO ecosystem's powerful tools and seamless connectivity.



Nexprint
Find models and print in one click.



ElegooSlicer
Easy slicing for complex projects.



ELEGOO Matrix
Control and watch prints from anywhere.

