

Creality K1 Max 2025 3D Printer



Model: 1202080078

Manufacturer: CREALITY

EAN: 6977726811712

Product Code: 1165526

R14,554

Creality K1 Max 2025 3D Printer

The Creality K1 Max 2025 is a state-of-the-art FDM 3D printer designed for fast, precise, and convenient printing of large models. It offers a build volume of 300 × 300 × 300 mm, a maximum print speed of up to 600 mm/s, acceleration of 20,000 mm/s², an enclosed build chamber, and smart features such as AI LiDAR, an AI camera, and automatic bed leveling. A high-performance extruder, a ceramic hotend capable of reaching temperatures up to 300°C, a heated bed up to 120°C, and quiet operation in Silent mode make this printer ideal for both rapid prototyping and creating large, complex models using a wide variety of filaments.

Print Faster

The Creality K1 Max 2025 uses a CoreXY design that allows for print speeds of up to 600 mm/s and acceleration of up to 20,000 mm/s². The lightweight print head reduces system inertia, allowing the printer to operate at high speeds without compromising model accuracy. According to the manufacturer, a Benchy model made from ABS filament can be printed in just 13 minutes, which

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clearly demonstrates the printer's capabilities when working on fast-paced projects.

Large build volume for larger projects

The 300 × 300 × 300 mm build volume allows for printing large models in a single piece or preparing several smaller prints simultaneously. This reduces the need to split projects into parts, which shortens the time required for subsequent assembly and improves the appearance of the finished model. The enclosed print chamber helps maintain a stable temperature during printing, which positively affects the quality of prints made from more demanding materials.

High-Performance Extruder and Fast Warm-Up

The new extruder design is engineered for long-lasting and stable operation. According to Creality Lab's laboratory tests, the mechanism can operate for over 1,000 hours without clogging, which enhances reliability during intensive use. A ceramic heating element surrounds the hotend, allowing it to reach 200°C in about 40 seconds, while the maximum nozzle temperature is 300°C, enabling printing with a wide range of materials.

Smart AI systems control the printing process

The printer is equipped with AI LiDAR, which analyzes the first layer of the print and helps detect any irregularities right from the start. A built-in AI camera monitors the printing process, detecting "spaghetti" errors—situations where the filament forms a chaotic tangle due to a failed print. The camera can also detect foreign objects on the build plate, allowing for a faster response and reducing material waste.

Automatic Leveling Without Manual Adjustment

The Creality K1 Max 2025 uses a dual automatic leveling system that combines pressure sensors embedded in the build plate with AI LiDAR technology. As a result, the device automatically prepares the build plate to start printing, eliminating the need for manual calibration. This solution enhances ease of use and improves the chances of achieving a properly formed first layer.

High-quality prints

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An advanced guidance system and precise motion control minimize phenomena such as ringing (echoes or vibrations on the model’s surface), Z-banding, and blobbing—excessive material buildup. Two powerful fans effectively cool the model, reducing the risk of warping and improving the quality of bridges and overhangs. As a result, the finished prints are characterized by high detail accuracy and an aesthetically pleasing finish.

Comfortable and Quiet Operation

The printer features a Silent mode, in which the noise level does not exceed 45 dB. An intuitive touchscreen makes it easy to control all functions and quickly adjust operating parameters to suit the current project. The built-in air filter (Air Purifier) helps reduce fumes and unpleasant odors generated during printing with materials that require higher temperatures, such as ABS, ASA, or PC. Thanks to the enclosed print chamber and the filtration system, using the printer is more comfortable when working indoors.

A modern solution for demanding applications

The Creality K1 Max 2025 combines high print speed, a large build volume, and intelligent systems that support the printing process. Automatic leveling, AI LiDAR, an AI camera, and an efficient heating system help minimize errors and streamline the execution of subsequent projects. This is an ideal choice for users who expect fast performance, high-quality prints, and convenient operation for both hobbyist and professional applications.

Manufacturer	Creality
Model	K1 Max 2025
Printing Technology	FDM
Build Volume	300 × 300 × 300 mm
Design	CoreXY
Maximum Print Speed	up to 600 mm/s
Maximum acceleration	20,000 mm/s²

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Maximum nozzle temperature 300°C

Maximum build plate temperature 120°C

Filament flow rate 32 mm³/s

Hotend heating up to 200°C in approx. 40 s

Automatic leveling yes (pressure sensors + AI LiDAR)

AI LiDAR yes

Air filter yes (Air Purifier)

Enclosed build chamber Yes

Supported materials PLA, PETG, PET, TPU, PA, ASA, PC, ABS

Supported composite filaments PLA-CF, PA-CF, PET-CF

AI camera Yes (spaghetti and foreign object detection)

Quiet mode ≤45 dB

Device dimensions 435 × 462 × 526 mm

Information about data generation: <https://dataact.innpro.pl/CREALITY/6977726811712>, GPSR Link: https://psr-assets.innpro.pl/creative_technologies/sg_creative_technologies_3d_print.pdf, Gross weight: 24720, Net weight: 18000, Box length: 51,00, Box width: 51,00, Box height: 59,00

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