



## Elegoo Neptune 4 3D Printer

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The Elegoo Neptune 4 is a versatile and advanced FDM 3D printer that offers high precision, high print volume and fast speeds. Thanks to its compatibility with popular software extensive connectivity and robust design, it is an ideal choice for anyone who wants to achieve professional results in 3D printing.

### Printer type and print volume

The Elegoo Neptune 4 uses FDM technology, which involves layering molten material to create 3D models. The maximum print volume is 225 × 225 × 265 mm, which allows users to create large and complex designs. Such a large workspace gives users the freedom to realize a variety of projects, from prototypes to finished products.

### Printing precision

The printer has a high printing precision of  $\pm 0.1$  mm, which ensures accurate reproduction of even the smallest details of models. The nozzle diameter is 0.4 mm, which enables printing with an optimal balance between detail and printing speed.

### Speed and performance

The Neptune 4 can print at speeds ranging from 30 to 500 mm/sec, allowing projects to be completed quickly and efficiently. This

flexibility in speed allows printing parameters to be tailored to the specific needs of the user, whether speed or print quality is a priority.

#### Operating conditions

The printer is designed to operate in ambient temperatures of 5°C to 40°C. The maximum nozzle temperature is 300°C, which allows printing with a wide range of filaments, including materials requiring higher temperatures. The heated bed reaches a maximum temperature of 110°C, which ensures good adhesion of the first layer and minimizes the risk of distortion.

#### Software and file format

Elegoo Neptune 4 is compatible with Cura software, one of the most popular and versatile programs for preparing models for 3D printing. Supported input file formats include STL and OBJ, and the output file is generated in G-code format. This makes it easy for users to prepare their models for printing and get excellent results.

#### Connectivity and interface

The printer is equipped with a USB interface and LAN connectivity for easy file transfer and remote print management. This allows users to monitor and control the printing process from anywhere, increasing convenience and efficiency.

ProdcuentElegooModelNeptune 4Printer typeFDM (Fused Deposition Modeling)Maximum print volume225 × 225 × 265 (mm3)Precyzja druku±0.1 mmNozzle diameter0.4 mmPrinting speed30 ~ 500 mm/sWorking environment temperature5°C~40°CMaximum nozzle temperature300°CMaximum heated bed temperature110SoftwareCuraInput file formatSTL, OBJOutput file formatG-codeInterfaceUSB drive, LAN (Network)Input power supply100-120V/220-240VOutput power24 VSize of the device475 × 445 × 515 mmNet weight8.3 kg

Preço:

**€ 273.99**

Creative Technologies, 3D Printing