



## ELEGOO Neptune 4 Pro

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**SKU:** 3DWSB10U2N3M1

**Price:** 4,536.36 DH (HT)

**Stock:** instock

**Categories:** [FDM](#), [3D Printers](#)

**Tags:** [3dprinter](#)

### Product Description

- Origin: Mainland China
- Certification: CE
- Place of Origin: China
- Brand Name: ELEGOO, Elegoo
- Application: Industrial
- Features: Resume Printing
- Warranty: 1 Year
- Voltage: 24V
- Molding Technology: FDM
- Use: Other
- Weight: 20 KG
- Automatic Grade: Automatic
- Color & Page: single color
- Year: 2023
- Condition: New
- Forming size: 225\*225\*265mm
- Key Selling Points: High-accuracy
- Machinery Test Report: Provided
- Video outgoing-inspection: Provided
- Warranty of core components: 1 Year

- Core Components: Motor, PLC
- Model Number: Neptune 4 Pro

## Specification

### **Pre-installed Klipper Firmware**

The Neptune 4 Pro 3D printer is designed to be fast and efficient. It features a quiet Klipper motherboard and ARM 64-bit 1.5G main frequency quad-core processor for sufficient processing power, allowing it to print at a amazing speed of up to 500mm/s (recommended 250mm/s), and supports advanced functions like input shaping and pressure advance to achieve accurate and smooth models. The 8GB RAM can store over 400 models and quick access when needed.

### **Dual-Gear Direct Drive Extruder**

The dual-gear direct drive extruder with a 5.2:1 reduction ratio for smooth and consistent extrusion, combined with the copper-titanium bi-metal throat pipe and unique air duct design, improve heat dissipation and reduce nozzle clogging.

### **300°C High-temp Nozzle**

With a high-temperature nozzle reaching 300°C, the printer can handle a wide range of filaments, including PLA, PETG, ABS, TPU, and high-temperature filaments like nylon. The extended hot end design ensures consistent heating and faster melting and extrusion, resulting in faster printing speed.

### **Intelligent Segmented Heatbed**

With 100W+150W power output, the slicing software automatically recognizes the size of the model during slicing and activates the peripheral heating zone if the model size exceeds the center heating zone (120mmx120mm). The two partitions can also be turned on and off manually for more precise temperature control. Additionally, the surface of the PEI magnetic platform is marked for guidance.

### **Auto Bed Leveling + Auxiliary Leveling**

With 121 (11x11) points auto bed leveling, you can achieve consistent and reliable prints every time without the need for manual bed leveling. Additionally, the auxiliary leveling by hand-twist knobs allows for further fine-tuning of the print bed's level for improved print quality.

### **Efficient Heat Dissipation**

ELEGOO Neptune 4 Pro also features 2 thickened double-sided 4015 ball bearing cooling fans and 4x4020 ball bearing blower fans behind the print head for omnidirectional rapid cooling the newly printed layers to prevent warping and improve overall print quality even at a fast printing speed.

## Product Description



The image features a black Elegoo 3D printer with a gold-colored print bed. The printer has 'ELEGOO' on the top bar and 'CREATE FUTURE' on the vertical supports. A control panel with a touchscreen is attached to the right side. The background is dark with glowing blue and red light trails.

# ELEGOO

**KLIPPER**  
500mm/s  
Max Speed

**Intelligence  
Segmented**

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# SMOOTHER MODEL SURFACE

Support advanced functions like input shaping and pressure advance to achieve smooth model surface and consistent

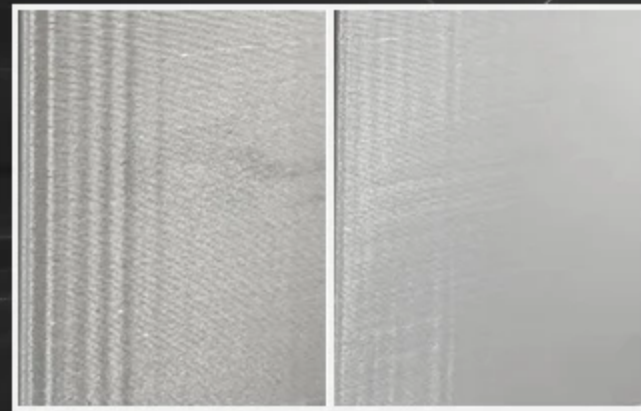
## Input Shaping



before

after

## Pressure Advance



before

after

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# SEPARATE SEGMENTED HEATBED

With 100W+150W power output, there is a hotbed  
overheat protection switch to prevent  
thermal runaway.

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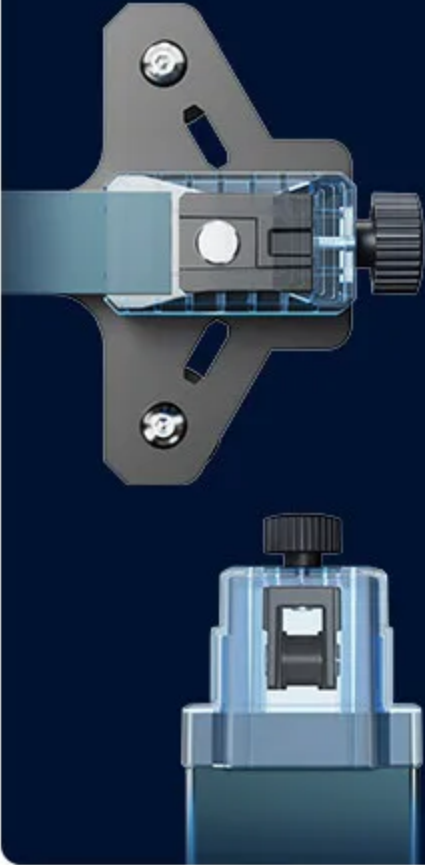
# POTENT EXTRUSION & UPGRADE HOTEND

Dual-gear direct extruder  
Copper-titanium throat pipe  
300°C high-temp nozzle

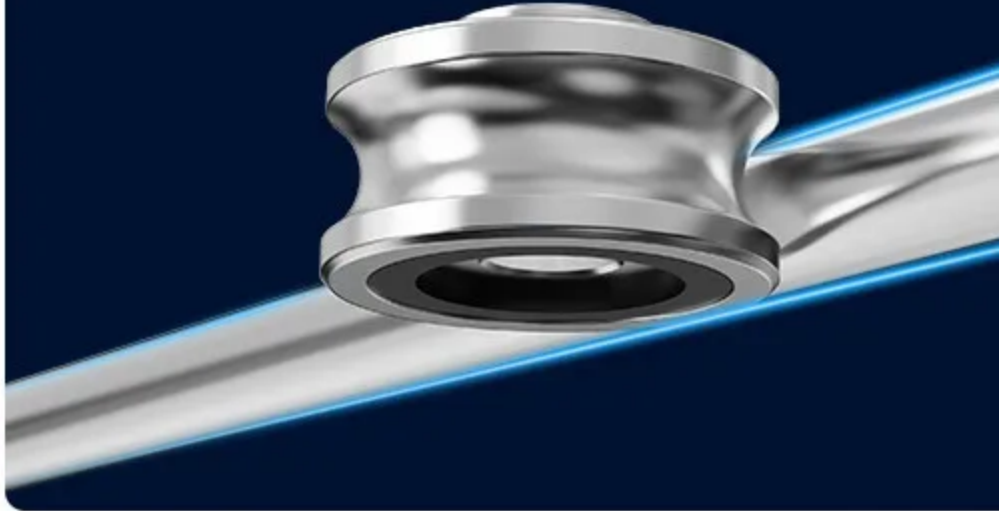


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**Widened Y-axis  
profile**



**All-metal dual-axis  
guide rails**



**Nozzle LED light**



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