


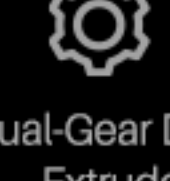
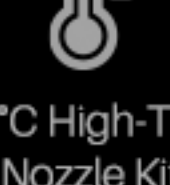





Neptune 4 Plus

FDM 3D Printer

- Up to 500mm/s Speed
- Generous Build Volume
- 300°C High-Temp Nozzle Kit

Core Features

 Max Printing Speed 500mm/s	 up to 12000mm/s ² accelerations	 Massive Build Volume	 Dual-Gear Direct Extruder
 300°C High-Temp Nozzle Kit	 Auto Bed Leveling + Auxiliary Leveling	 Effective Cooling Performance	 Versatile Connectivity and Control

Speed Up Your Printing with Klipper

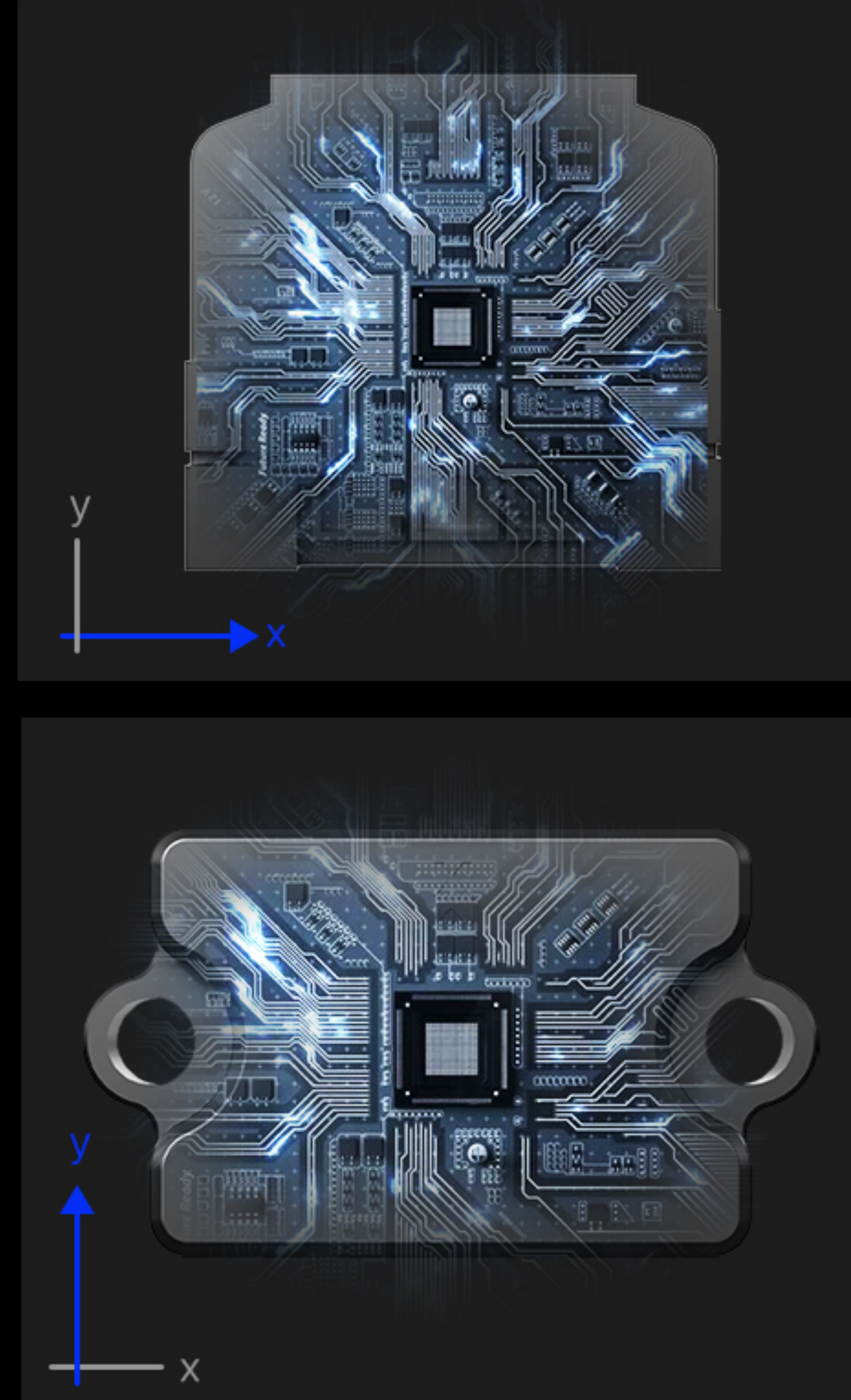
Up to 500mm/s printing speed
Acceleration sensors on the X-axis and Y-axis



Pre-installed Klipper Firmware

The Neptune 4 Max comes with the powerful Klipper firmware, enabling impressive printing speeds of up to **500mm/s** (default 250mm/s) and up to **12000mm/s²** accelerations, supporting advanced features such as input shaping and pressure advancing.

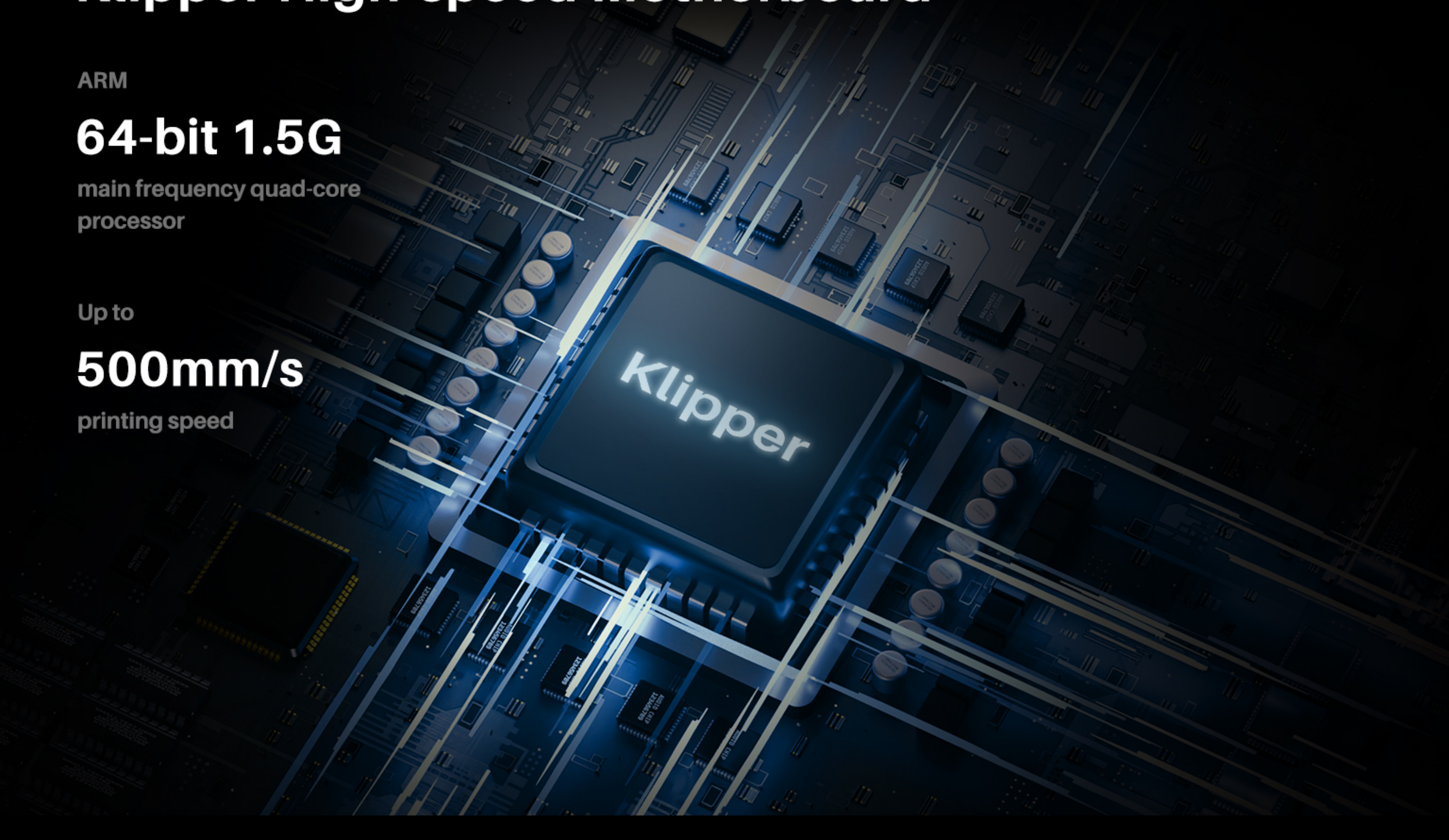
Equipped with acceleration sensors on the X and Y axes for automatic calibration and improved print quality.



Klipper High-speed Motherboard

ARM
64-bit 1.5G
main frequency quad-core
processor

Up to
500mm/s
printing speed



Massive Space for Your Creations

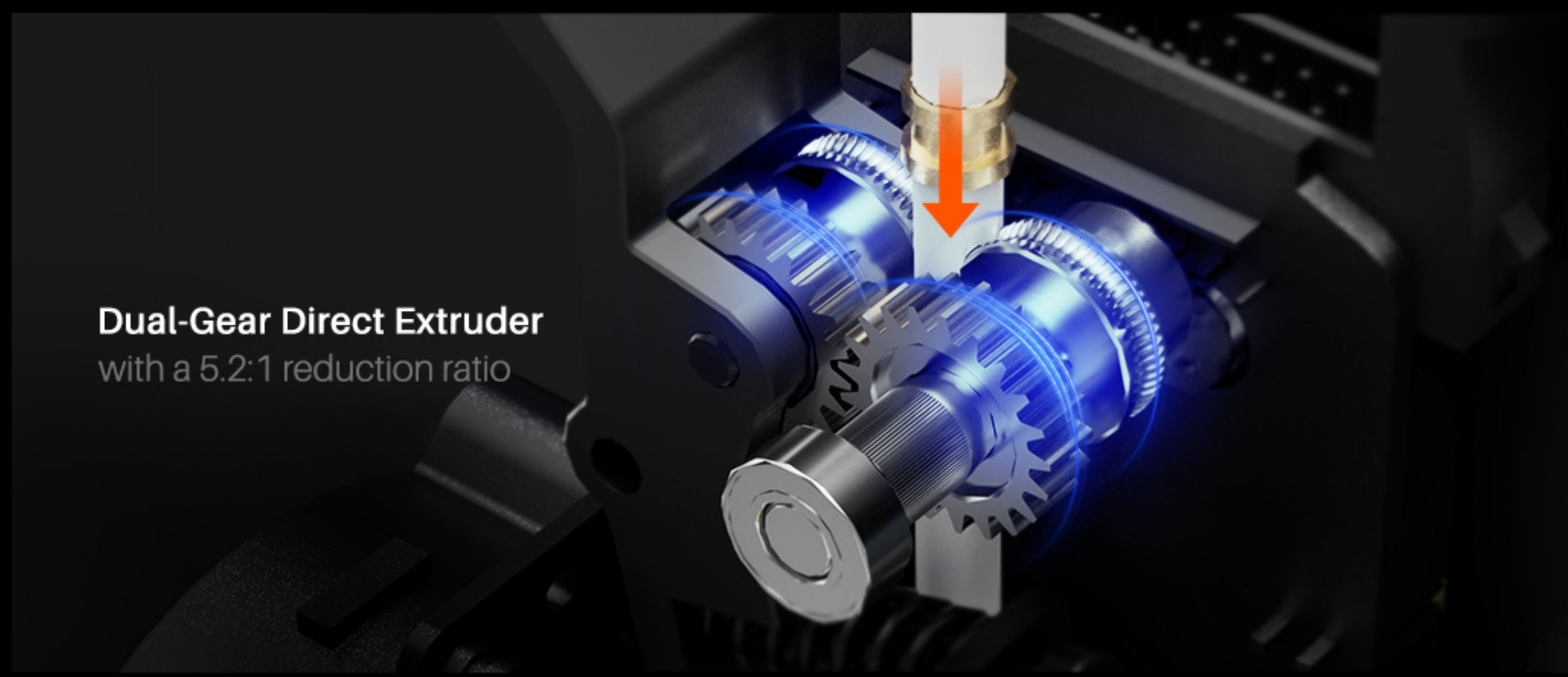
320x320x385mm³/12.59x12.59x15.15 inches



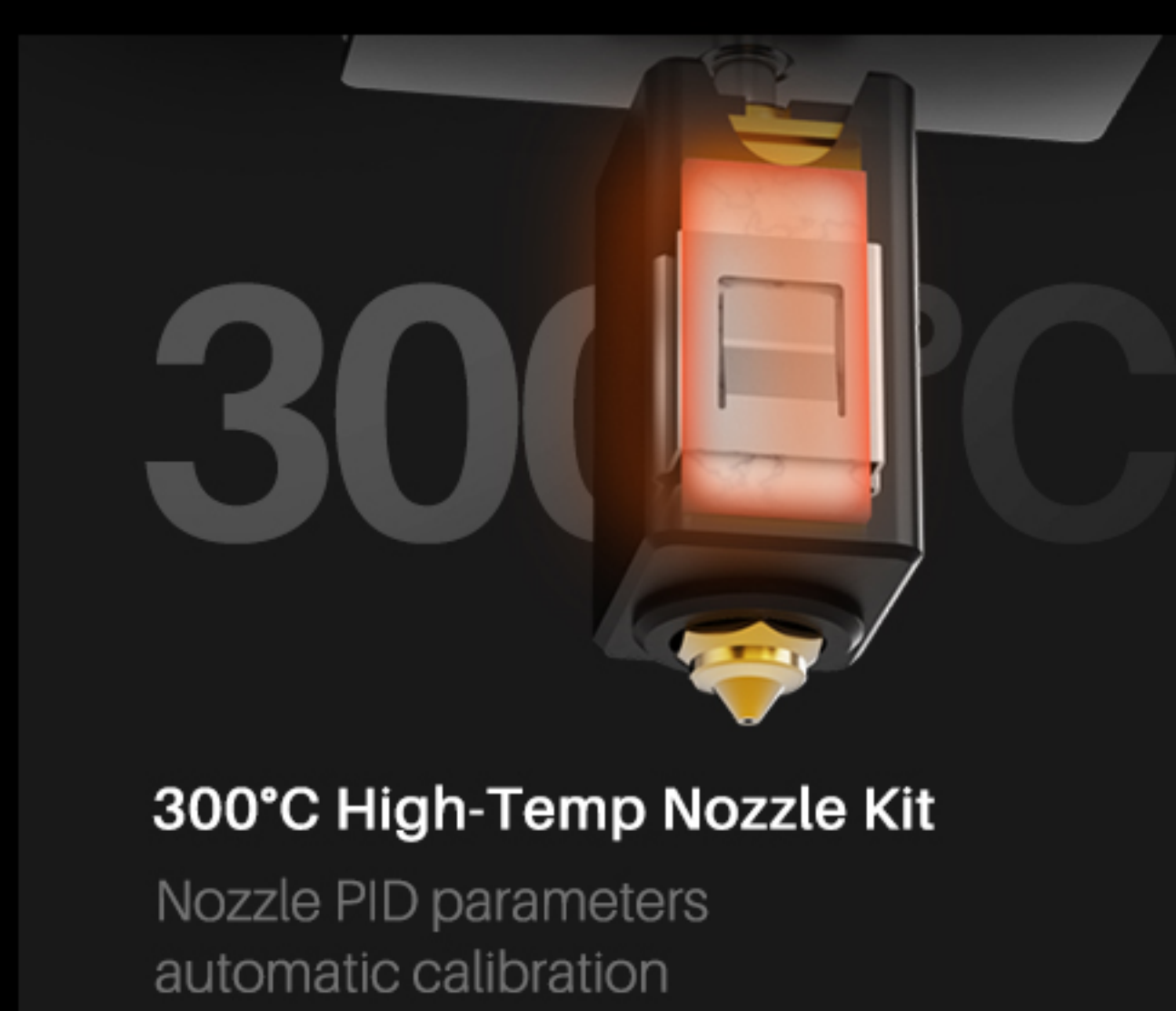
320x320x385mm³
With a spacious build volume

our printer allows you to bring your ambitious designs to life, whether for large models or multiple smaller objects, this generous build volume provides ample space for your creations.

Fast and Precise Extrusion



Dual-Gear Direct Extruder
with a 5.2:1 reduction ratio

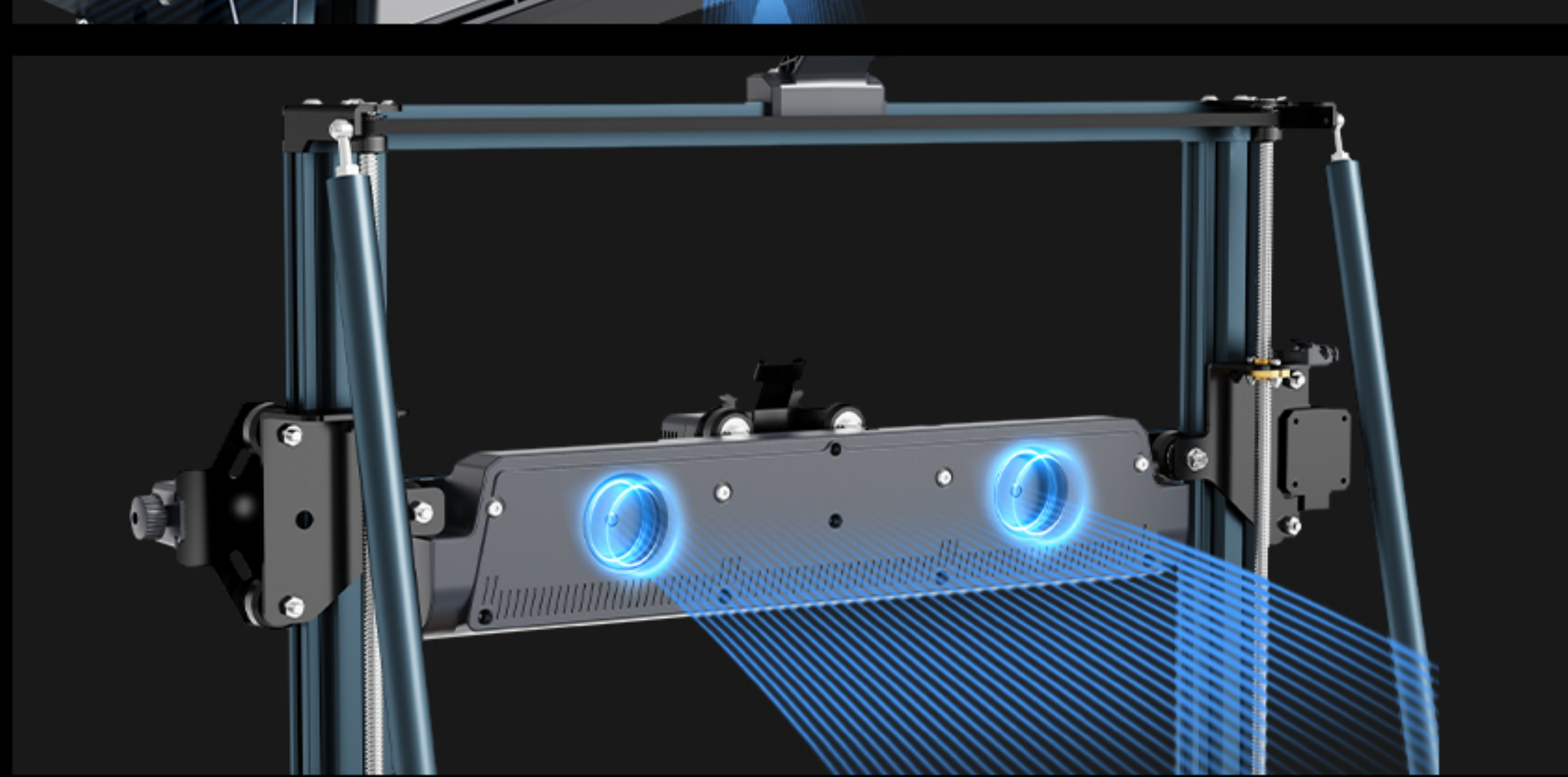


300°C High-Temp Nozzle Kit
Nozzle PID parameters
automatic calibration



Precise Temperature Control
nozzle PID parameter automatic
calibration

Comprehensive and Efficient Cooling



9600 r/min

Perfect every time



Model thanks to TOYMAKR3D

Specifications

Machine Model:	Neptune 4 Plus	Nozzle:	300°C high-temp nozzle
Build Volume:	320x320x385mm ³	Throat Pipe:	all-titanium alloy
Firmware:	Klipper	Cooling Fan:	2x4015 ball bearing model cooling fans 3010 ball-bearing blower fan 2x6025 ball-bearing blower fans
Printing Speed:	Up to 500mm/s	LED Light Bar:	with 24 beads
Auto Bed Leveling + Auxiliary Leveling:	121-point	Nozzle LED Light:	Yes
Extruder Type:	Dual-gear direct extruder	Others:	POM V guide wheels Y-axis with two rows of 3-3V wheels double Y-axis profile
Hotbed:	320W, 110°C		
PEI Magnetic Platform:	Yes		