

# Add MidFDM to Cura

Machine Settings

MidFDM

Printer

Extruder 1

Nozzle Settings

Nozzle size0.4mm

Compatible material diameter2.85mm

Nozzle offset X0mm

Nozzle offset Y0mm

Cooling Fan Number0

Extruder Start G-code

Extruder End G-code

Close

Machine Settings

MidFDM

Printer

Extruder 1

Printer Settings

X (Width)500mm

Y (Depth)480mm

Z (Height)470mm

Build plate shapeRectangular

Origin at center

Heated bed

Heated build volume

G-code flavorMarlin

Printhead Settings

X min-20mm

Y min-10mm

X max10mm

Y max10mm

Gantry Height500mm

Number of Extruders1

Start G-code

End G-code

Close

## Start GCode

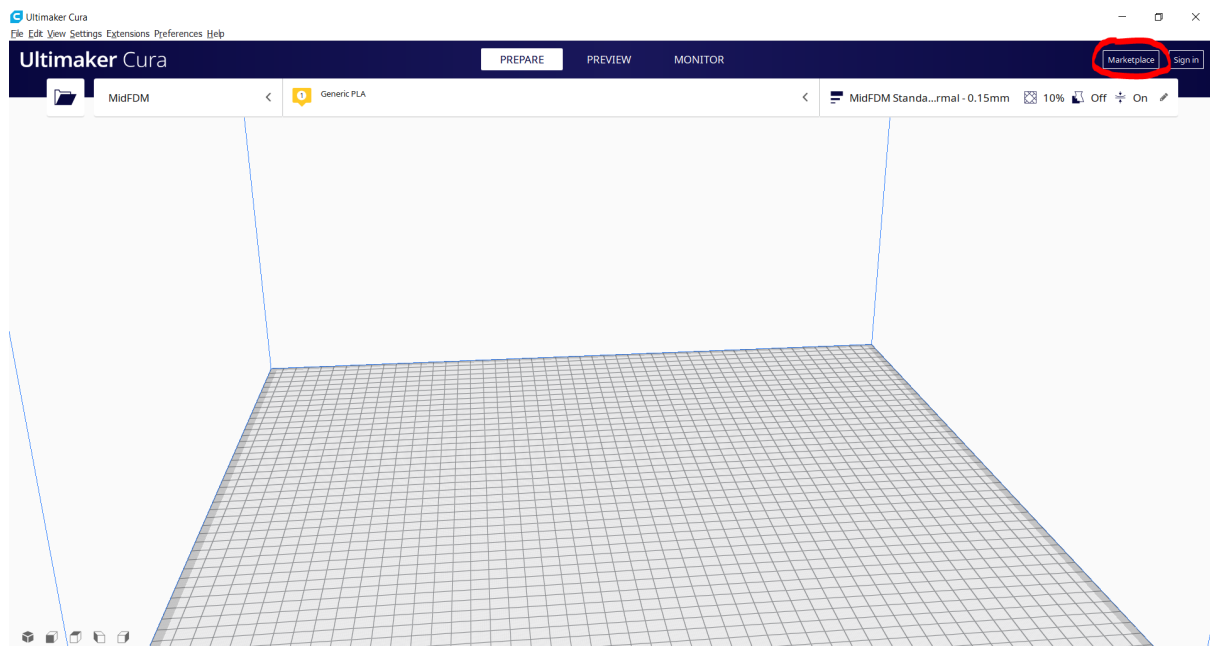
```
G28 ;Home  
G1 Z15.0 F6000 ;Move the platform down 15mm  
;Prime the extruder  
G92 E0  
G1 F150 E5  
G92 E0
```

## End GCode


```
M104 S0  
M140 S0  
;Retract the filament  
G92 E1  
G1 E-1 F300  
G28 X0 Y0  
M84
```












## Z Offset Plugin Installation for Cura

1. Make sure you are connected to internet
2. Open Cura and open the marketplace





3. In the marketplace scroll down until you find the “Z Offset Setting” plugin and click on it

 Marketplace ×

Plugins	Materials	Installed	
 <b>SVG Toolpath Reader</b> Allows reading SVG image files and lets the printer draw the outline...	 <b>Setting Visibility Set Creator</b> Lets the user store custom Setting Visibility sets		
 <b>Sidebar GUI</b> Provides an alternative interface which restores the sidebar....	 <b>Snapmaker2Plugin</b> Snapmaker 2 Plugin for Cura		
 <b>Startup Optimiser</b> Lets the user optimise the Cura startup time by only loadin...	 <b>TabAntiWarping</b> Add elements as rounded Tab to limit warping effect in print corner....		
 <b>ThingiBrowser</b> Search and import 3D files from popular online repositories directly i...	 <b>Titlebar Info</b> Adds the application version and the current jobname to the titlebar		
 <b>X3GWriter</b> Allows saving the resulting slice as an X3G file, to support printers that rea	 <b>Z Offset Setting</b> Adds a Z Offset setting to change the distance between the nozzle and th...		

4. Click on install to install the plug5.

 Marketplace ×

**Plugins** Materials Installed 

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### Z Offset Setting

Version: 3.5.7  
Last updated: 5/10/2021 6:43 PM  
Brand: [fieldOfView](#)  
Downloads: 246479

#### Z Offset Setting

Adds a Z Offset setting to change the distance between the nozzle and the buildplate.

Install

5. Close and reopen Cura
6. Find the “Z Offset” setting clicking on the MidFDM settings profile on the top right and typing “Z Offset” into the search bar
7. Adjust the “Z Off setting as needed”

