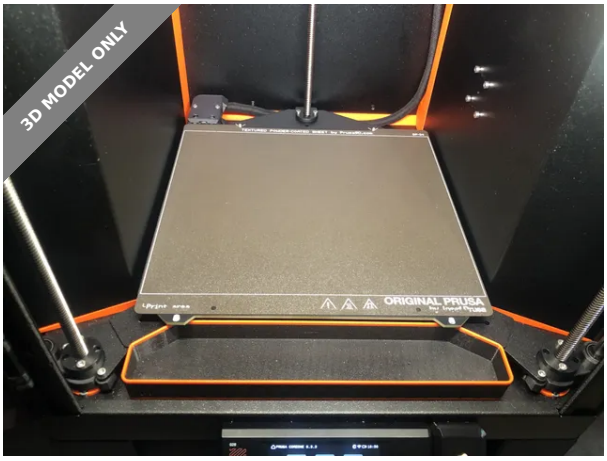


Prusa Core One/+/ L Dust Protector

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VIEW IN BROWSER

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Summary

Dust Protector for Prusa Core One, Prusa Core One+ and Prusa Core OneL

3D Printers > Accessories

Tags: prusa protector dust coreone coreonel

These accessories prevent dust or pieces of filament from getting stuck in the Z axis and under the side covers.

The shoulders of the PrusaCoreOne_DP_ZAxe.stl files must be directed downwards; they enter the holes in the platform.

Two PrusaCoreOne_DP_ZAxe.stl are necessary from each Z axe.

The files for the Prusa Core OneL have the prefix 'PrusaCoreOneL_' ; mounting these files is the same as for the Prusa Core One.

ACCESSORIES (except for CoreOneL, whose frame is not magnetic)

Side protection : 4 x 20mmx6mmx2mm magnets
Rear protection : 6 x 20mmx6mmx2mm magnets

RELEASE

12/04/2025
Added "Down" text on PrusaCoreOne_DP_ZAxe.stl to install the part in the correct position.

13/04/2025
Slight adjustment (width and angle) of PrusaCoreOne _DP_SidePanel size (parts A and B).
New position without glue for magnets 20mmx6mmx2mm.
Only one magnet for each half instead of two.
Two parts for the left side (marked "LEFT") and two parts for the right side (marked "RIGHT"); the right parts are wider than the left parts.

18/04/2025
Following @Christoph_2815210 's post, the center hole of PrusaCoreOne_DP_ZAxe.stl has been enlarged (9.3mm instead of 8.5mm); there is now a 0.65mm gap with the 8mm diameter lead screw.
Edges have also been chamfered to prevent elephant feet.

12/05/2025
Released new "PrusaCoreOne_DP_SidePanelLeft" and "PrusaCoreOne_DP_SidePanelRight" files; these are the single-part left and right guards for printing on large format 3D printers.

02/06/2025
New files for Rear Dust Protection :
. "PrusaCoreOne_DP_RearPanelRight_A"
. "PrusaCoreOne_DP_RearPanelRight_B"
. "PrusaCoreOne_DP_RearPanelLeft_A"
. "PrusaCoreOne_DP_RearPanelLeft_B"
The "PrusaCoreOne_DP_RearPanelRight_B" file has a notch to avoid blocking the heatbed cable when lowering it.

02/02/2026
New files for Prusa Core OneL.

05/02/2026
Height reduction (-1.5mm) for the CoreOneL side models.

23/08/2026
Added missing fillets to models "PrusaCoreOne_DP_RearPanelRight_A" and "PrusaCoreOne_DP_RearPanelRight".

Model files

Prusa Core One Common Files

1 file



prusacoreone_dp_zaxe.stl

Prusa Core OneL

10 files



prusacoreonel_dp_rearpanelleft_a.stl



prusacoreonel_dp_rearpanelleft_b.stl



prusacoreonel_dp_rearpanelright_a.stl



prusacoreonel_dp_rearpanelright_b.stl



prusacoreonel_dp_sidepanelleft_a.stl



prusacoreonel_dp_sidepanelright_b.stl



prusacoreonel_dp_sidepanelleft_b.stl



prusacoreonel_dp_sidepanelright_a.stl



prusacoreonel_dp_sidepanelright.stl



prusacoreonel_dp_sidepanelleft.stl



Prusa Core One and One+ 10 files



prusacoreone_dp_sidepanelright.stl



prusacoreone_dp_sidepanelright_a.stl



prusacoreone_dp_sidepanelright_b.stl



prusacoreone_dp_sidepanelleft.stl



prusacoreone_dp_sidepanelleft_a.stl



prusacoreone_dp_sidepanelleft_b.stl



prusacoreone_dp_rearpanelright_a.stl



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prusacoreone_dp_rearpanelleft_a.stl



prusacoreone_dp_rearpanelleft_b.stl

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