

Table des matières

1. Introduction	3
Étape 1 - Introduction	4
Étape 2 - How to navigate through the manual	5
Étape 3 - View high resolution images	5
Étape 4 - Tools included in the package	6
Étape 5 - Aide-mémoire Prusa	7
Étape 6 - Let's get everything set up!	7
2. Unpacking the printer	8
Étape 1 - Préparation de l'emballage	9
Étape 2 - Retrait de la boîte	9
Étape 3 - Removing the cardboard layer	10
Étape 4 - Anti-vibration feet: parts preparation	10
Étape 5 - Sticking the anti-vibration feet	11
Étape 6 - Removing the inside protections	11
Étape 7 - Preparing the Tool pack	12
3. Mounting the xLCD	13
Étape 1 - Tools necessary for this chapter	14
Étape 2 - Retrait de la bordure	14
Étape 3 - xLCD assembly: parts preparation	15
Étape 4 - Connecting the xLCD assembly	15
Étape 5 - Montage du xLCD	16
Étape 6 - Attaching the display assembly	17
Étape 7 - Peeling off the protectives	17
4. Calibration & Première mise en route	18
Étape 1 - Print sheet and spool holder	19
Étape 2 - Mise à jour du firmware	20
Étape 3 - Mise sous tension	20
Étape 4 - Setting up the printer: Intro	21
Étape 5 - Setting up the printer: Network setup	21
Étape 6 - Assistant : Introduction	22
Étape 7 - Assistant : Test du capteur de force	23
Étape 8 - Assistant : Alignement du réducteur	23
Étape 9 - Wizard - Filament Sensor Calibration	24
Étape 10 - Assistant terminé	24
Étape 11 - Manuel	25
Étape 12 - Base de connaissances Prusa	25
Étape 13 - Rejoignez Printables !	26
Journal des modifications	27
Étape 1 - Historique des versions	28

1. Introduction

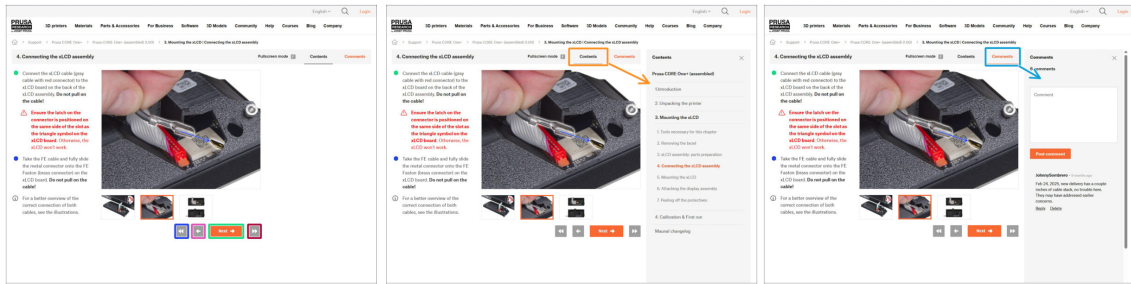


ÉTAPE 1 Introduction



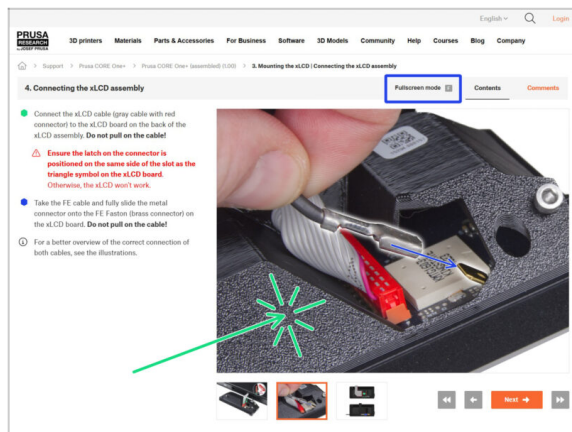
- ◆ Bienvenue dans le guide de déballage, de calibration et de configuration de votre **Prusa CORE One+**. Suivez ces étapes pour vous assurer que votre imprimante est prête pour sa première impression.
- ① Bien que la Prusa CORE One+ soit livrée pré-assemblée, l'écran LCD doit être installé avant l'impression, car il est retiré pour le protéger lors du transport.
- ⚠ **Do not install the LCD at this moment; wait for the appropriate instructions later in the guide.**
- 📌 We recommend keeping all the packaging material in case you decide to send the printer for service.

ÉTAPE 2 How to navigate through the manual



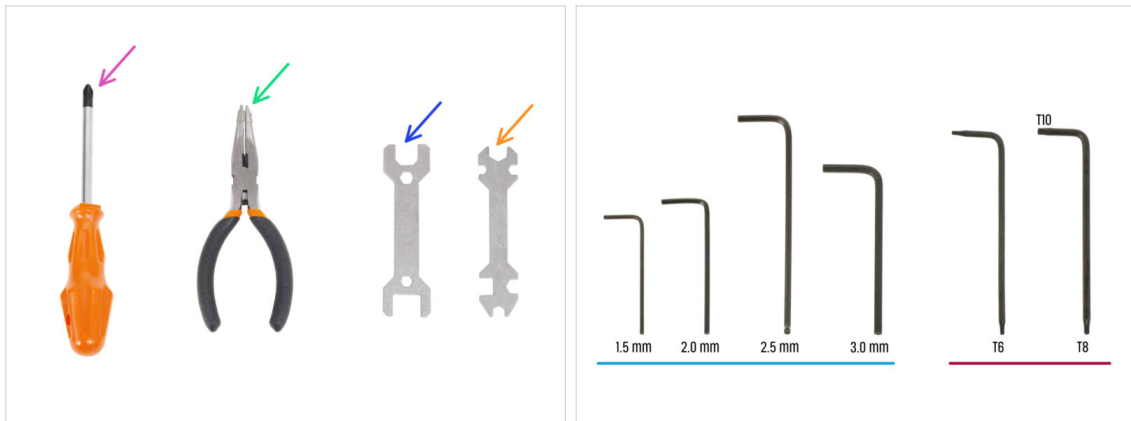
- Use the graphical navigation buttons in the bottom right corner or the arrow keys on your keyboard:
 - **Next button / Right arrow key** - Moves to the next image, or to the next step if it's the last image in the step.
 - **Left arrow button / Left arrow key** - Moves to the previous image, or to the previous step if it's the first image in the step.
 - **Play backward button / Up arrow key** - Moves to the previous step.
 - **Play forward (Next) button / Down arrow key** - Moves to the next step.
 - Click on **Contents** to expand the full list of steps in this guide. This allows you to jump to any step regardless of the sequence.
 - Click on **Comments** to open the discussion for a specific step and leave your feedback.

ÉTAPE 3 View high resolution images



- When you browse the guide on help.prusa3d.com, you can view the original images in high resolution for clarity.
- Just click on the image to open it in high resolution for a detailed view.
- Click on **Fullscreen mode** or press the F key to maximize your screen space and focus entirely on the instructions.

ÉTAPE 4 Tools included in the package



- L'emballage de votre Prusa CORE One+ comprend tous les outils nécessaires à la mise en œuvre et à la maintenance de l'imprimante :
- Phillips (PH2) screwdriver (1x)
- Pince à bec fin (1x)
- Wrench size 13 mm (1x)
- Clé universelle (1x)
- Jeu de clés Allen 1,5 mm - 3,0 mm
- Jeu de clés Torx T6 - T10
- You will come across the tool pack during unpacking the printer, we will let you know.
- ① For this guide, you will only need the 2.5 mm Allen key.

ÉTAPE 5 Aide-mémoire Prusa



- If you're unsure whether you're using the correct screw type or size, our cheatsheet will help you. Print it at a 1:1 scale and place the fastener on the corresponding drawing to compare its type and size.

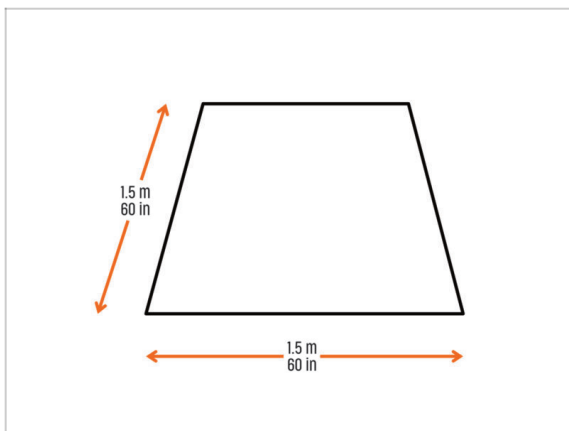


You can download the cheatsheet on prusa.io/core-one-cheatsheet.



This guide doesn't involve screws or nuts, but this option may be useful for future maintenance.

ÉTAPE 6 Let's get everything set up!



CAUTION: The package is heavy—handle it with care!

- Make sure you have enough space to prepare the printer. **A clean space is essential.**
- A minimum of 1.5 x 1.5 meters (60 x 60 inches) is recommended.
- Bring your family, friends, or pets—this will be engaging!
- Continue to the next chapter: **2. Unpacking the printer.**

2. Unpacking the printer



ÉTAPE 1 Préparation de l'emballage



⚠ **CAUTION: The package is heavy—handle it with care!**

⚠ The package fixations and foam inserts may vary.

- Open the package. On the top layer, you will find:
 - Une plaque d'impression
 - Une clé USB
 - Un câble d'alimentation
 - Barres anti-vibration
- Remove these items from the package and place them in a safe spot for later use.
- Remove the cardboard protection layer.
- Take out the Prusament cardboard box and set it aside.

ÉTAPE 2 Retrait de la boîte



- Remove top foam fixation.
- Notice the two cutouts (handles) on both sides of the cardboard layer. Bend them downward.

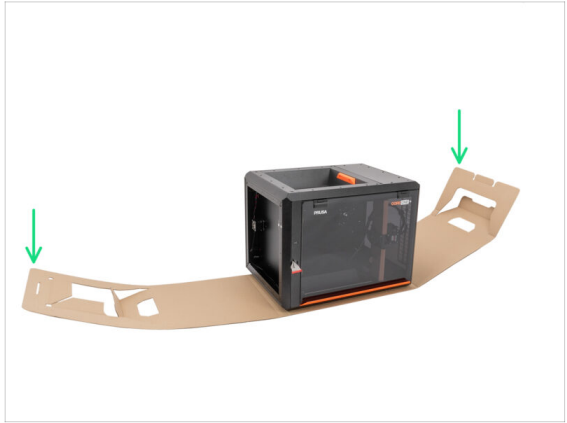
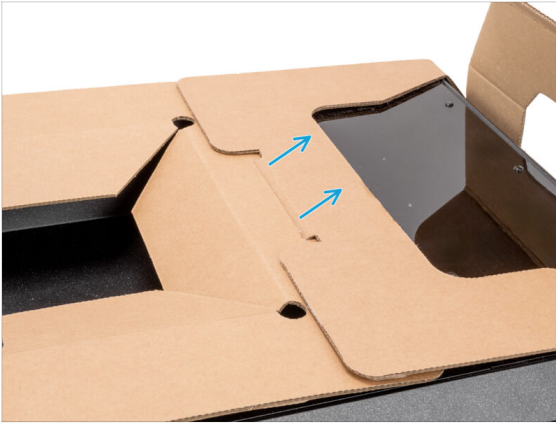
⚠ **CAUTION: The printer is heavy—handle it with care!**

- Grasp both handles and **CAREFULLY** lift the printer out of the box.

📌 Tip: Ask someone to hold the bottom cardboard box in place to make it easier to lift the printer out.

- Place the printer on a **stable and clean surface**.

ÉTAPE 3 Removing the cardboard layer



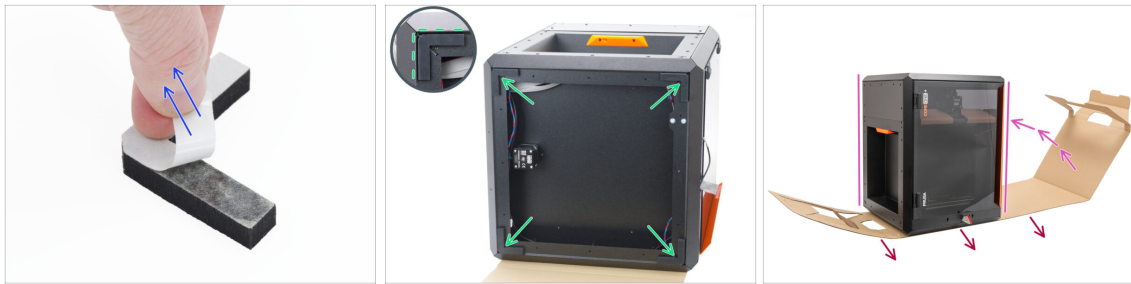
- Detach the two ends of the cardboard protective layer from each other by pulling the upper layer out.
- Fold down the cardboard protective layer away from the printer.

ÉTAPE 4 Anti-vibration feet: parts preparation



- Pour les étapes suivantes, préparez :
 - Pied anti-vibration (4x)

ÉTAPE 5 Sticking the anti-vibration feet



- ◆ Peel off the protective film from all anti-vibration feet.
- ◆ Stick one anti-vibration foot in each corner of the frame. Align it with the outer edge of the flat side of the profile.
- ◆ Carefully turn the printer to its "natural standing position" with the orange door handle on the right side.
- ◆ Now, you can completely remove the cardboard layer from the printer.

ÉTAPE 6 Removing the inside protections



- ◆ Ouvrez la porte.
- ◆ Locate two cardboard fixtures on the X-axis. There is a notch that releases the fixation.
- ◆ Pull the notch, release, and remove the fixture.
- ◆ Using the same method, remove the second fixture.

ÉTAPE 7 Preparing the Tool pack

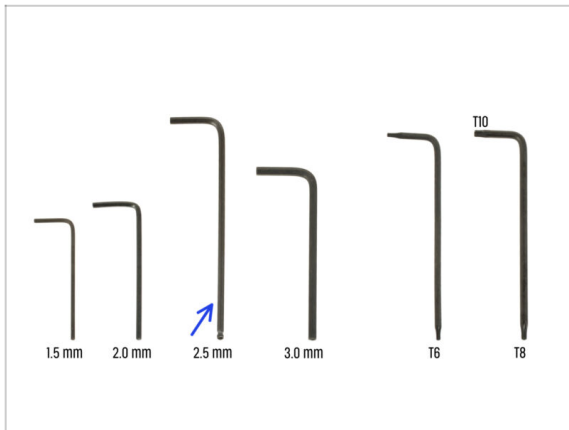


- The tool pack is located on the right side of the printer.
- Remove the cardboard tool pack from the printer.
- Open the tool pack completely. **Inside, you will find:**
 - L'emballage de l'assemblage du xLCD
 - Ensemble d'outils
 - Support de bobine et joint torique
 - Accessoires
- Keep the content aside for later use. Now let's go to the next chapter: **3. Mounting the xLCD**

3. Mounting the xLCD



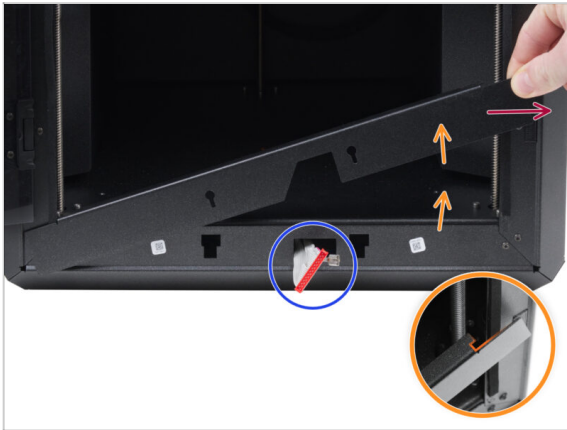
ÉTAPE 1 Tools necessary for this chapter



For this chapter, please prepare:

Clé Allen de 2,5 mm

ÉTAPE 2 Retrait de la bordure



Open the door fully.

Lift the right end of the front bezel and unhook it from the printer frame.

Pull the bezel out of the printer. Do not discard the part.

⚠ Proceed carefully to avoid scratching the parts or damaging the door.

i The bezel is attached to the printer with magnets, making it easy to remove.

Note the cables coming from the printer. We'll address them shortly. **Avoid pushing them into the printer, keep them as they are.**

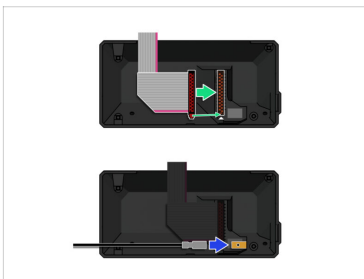
ÉTAPE 3 xLCD assembly: parts preparation



● For the following steps, please prepare:

- Assemblage du xLCD (1x)

ÉTAPE 4 Connecting the xLCD assembly



- Connect the xLCD cable (gray cable with red connector) to the xLCD board on the back of the xLCD assembly. **Do not pull on the cable!**

⚠ **Ensure the latch on the connector is positioned on the same side of the slot as the triangle symbol on the xLCD board. Otherwise, the xLCD won't work.**

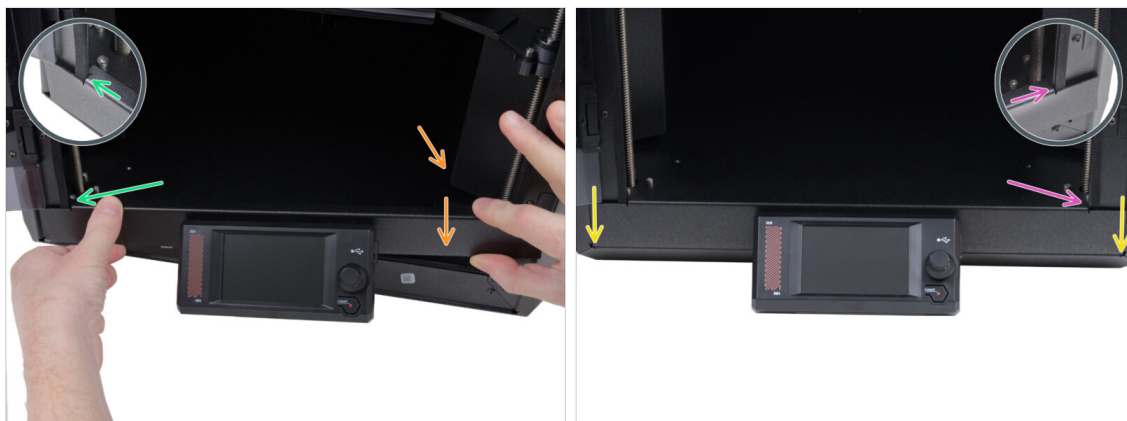
- Take the FE cable and fully slide the metal connector onto the FE Faston (brass connector) on the xLCD board. **Do not pull on the cable!**
- ① For a better overview of the correct connection of both cables, see the illustrations.

ÉTAPE 5 Montage du xLCD



- Install the bezel onto the screws on the back of the xLCD assembly.
- **Ensure the magnets face upward.** The bezel has four magnets, but only two are visible in the picture.
- **Ensure both screws (M3x6) are not fully tightened,** leaving approximately a 3 mm (1/8 inch) gap between the screw head and the xLCD cover.
- Slide the bezel toward you, ensuring both screws are positioned at the end of the keyhole-shaped holes.
- Keep the bezel in position and fully tighten both screws.

ÉTAPE 6 Attaching the display assembly



- Carefully install the display assembly (xLCD and bezel) onto the printer using the following procedure:

⚠ **Proceed carefully** to avoid scratching the parts or damaging the door.

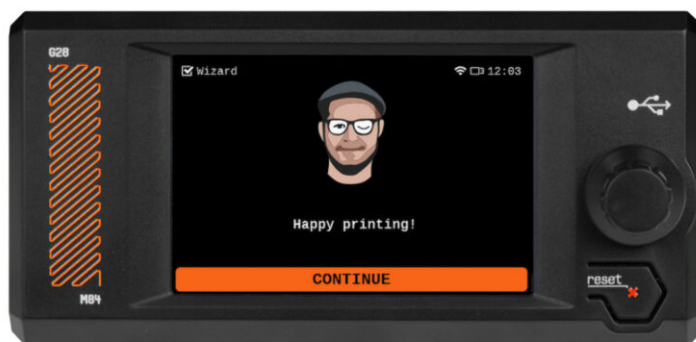
- Hook the left side of the bezel onto the left frame of the printer, ensuring the square cutout is securely attached to the frame.
- Slowly lower the right side into place as well.
- Secure the right side of the bezel onto the right frame of the printer, ensuring the square cutout is securely attached to the frame.
- Ensure the **bezel is evenly seated at both ends along the bottom edge** — test it by closing the door slowly to check if the bezel obstructs movement.

ÉTAPE 7 Peeling off the protectives



- Now, you can remove the protective films from the transparent panels on the printer.
- The protective film is located on the top, left, and right sides of the printer.
- We are almost there! Let's go to the last chapter: **4. Calibration & First run**

4. Calibration & Première mise en route



ÉTAPE 1 Print sheet and spool holder



i Ce chapitre vous guidera dans la calibration et la préparation de l'imprimante pour son premier fonctionnement.

⚠ **Make sure there is nothing on the heatbed.** The heatbed must be clean. Any dirt can damage the surface of both the heatbed and the print sheet.

🟡 **Attach the sheet by first aligning the rear cutout with the locking pins on the back of the heated bed.** Hold the sheet by the front two corners and slowly lay it down onto the heated bed - **watch your fingers!**

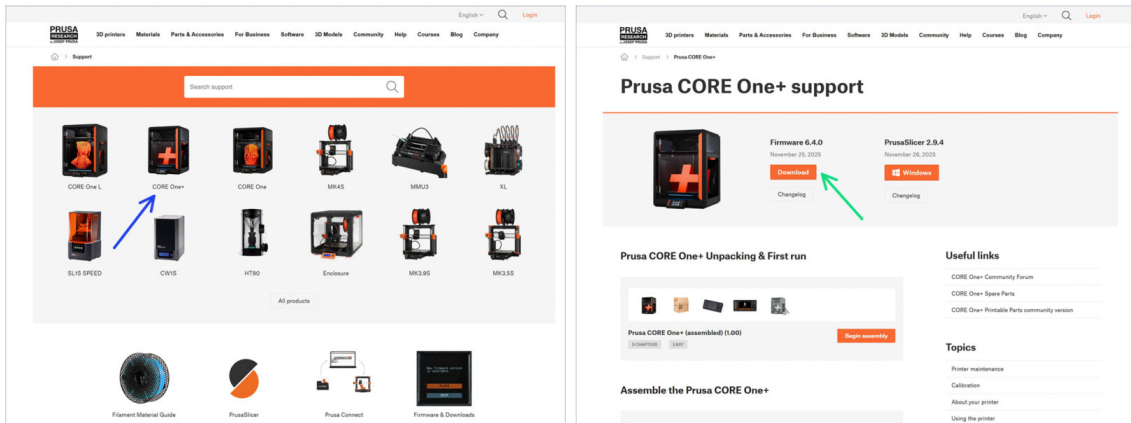
● Keep the **print sheet** clean for optimum performance.

● #1 cause of prints detaching from the print surface is a greasy print sheet. **Use IPA (Isopropyl alcohol) to degrease it** if you have touched its surface before.

🟢 Put the O-ring onto the spoolholder.

🟡 Push the spoolholder into the Puck-universal and lock it in by turning clockwise.

ÉTAPE 2 Mise à jour du firmware



- ❗ Tous les emballages d'imprimante livrés incluent une clé USB avec le dernier firmware. Cependant, il est recommandé de vérifier et éventuellement de mettre à jour la version du firmware.
- 🔗 Visit the help.prusa3d.com page.
- 🔗 Accédez à la page Prusa CORE One+.
- 📁 Save the firmware file (*.bbf*) onto the *bundled USB drive*.
- ❗ Conseil de pro : Pour accéder à la page d'accueil de la Prusa CORE One+, vous pouvez utiliser l'URL : prusa.io/core-one-plus

ÉTAPE 3 Mise sous tension



- 🔗 Insérez la clé USB incluse dans votre kit dans votre imprimante.
- ❗ The included USB drive contains the latest firmware file.
- 🔗 Connect the power cable and plug the printer into a wall outlet.
- 🔗 Turn the printer on using the switch on the back.
- ❗ The printer will now detect if a new firmware file is available on the USB drive.
- 🔗 If the "New firmware available" screen appears, hit **FLASH** by pressing the rotary knob to upgrade to the latest firmware.
- 🔗 If no such message appears, the printer is running the latest firmware already. Proceed to the next step.

ÉTAPE 4 Setting up the printer: Intro



- 🟡 L'imprimante affiche à l'écran une invite pour sélectionner votre langue. Utilisez le bouton de commande ou l'écran tactile pour définir votre préférence.
- 🟣 After selecting your language, the printer will display the welcome screen. Hit **OK** to continue through the setup process.
- 🟢 L'écran suivant vous invitera à sélectionner votre modèle d'imprimante. Étant donné que la Prusa CORE One assemblée est entièrement testée dans notre usine, il a été présélectionné sur COREONE+ lors de ces tests. Cliquez sur **Terminé** pour continuer.

ÉTAPE 5 Setting up the printer: Network setup



- 🟠 L'écran de configuration du réseau vous demandera de vous connecter à un réseau Wi-Fi à l'aide de notre application mobile officielle Prusa.
 - 📄 Read more on prusa.io/app.
- 🟢 If you select **No**, the printer will show alternative ways to connect to Wi-Fi. This step is optional and can be done later.
- 📄 You can skip this screen and set up the network connection later.

ÉTAPE 6 Assistant : Introduction



- i** L'imprimante vous demandera d'exécuter des selftests et des calibrations pour tous les composants importants. L'ensemble du processus prend quelques minutes, certaines parties nécessitant une interaction directe de l'utilisateur.
- ◆** Although the printer was thoroughly tested at our facility, we highly recommend running the self-test again. Hit **YES** to start the self-test.
- ⚠** **Warning:** During the self-test, **keep the door closed** until you are prompted. Opening the door will interrupt the process.
- There are **HOT** and moving parts inside during the self-test.
- ⚠** **Caution:** Some parts of the Wizard, such as fan testing and axis calibration, **may be loud**.
- ◆** The printer will begin by testing all the fans. **Be aware—it will be quite noisy for a while!**

ÉTAPE 7 Assistant : Test du capteur de force



- L'étape suivante de l'assistant vous invitera à toucher la buse pour tester et calibrer le capteur de force. Au cours de cette procédure, les **pièces de l'imprimante ne sont pas chauffées** pour que vous puissiez les toucher. Cliquez sur **Continuer**.
- i Loadcell calibration requires the door to be open, as you must interact directly inside the printer.
- Do not touch the nozzle yet, wait until prompted by the **Tap nozzle NOW** message.
- Tap the nozzle from below. In case the Loadcell does not detect the touch, you will be prompted to repeat the step. Otherwise, you will see **Loadcell test passed OK** when it succeeds.
- To allow the printer to continue with the Wizard, **close the door**.

ÉTAPE 8 Assistant : Alignement du réducteur



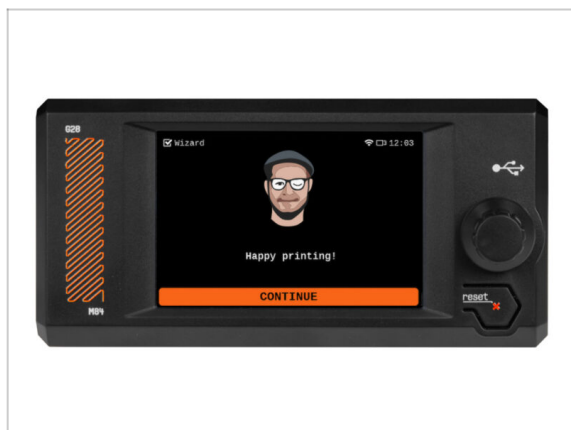
- L'écran suivant vous invitera à effectuer la calibration du réducteur. Cette étape n'est pas nécessaire pour les imprimantes pré-assemblées de notre société.
- Hit Skip to continue.

ÉTAPE 9 Wizard - Filament Sensor Calibration



- ◆ Lors de la calibration du capteur de filament, vous devrez utiliser un petit morceau de filament. Préparez le filament et sélectionnez **Continuer**.
- ❗ There should be no filament inside the extruder before the calibration process starts.
- ◆ Place a spool of filament onto the spool holder on the right side of the printer.
- ◆ When prompted, begin inserting the filament into the PTFE tube located beneath the right handle.
- ◆ Remove the filament after the calibration finishes.

ÉTAPE 10 Assistant terminé



- ◆ Félicitations ! L'Assistant est terminé. Il est maintenant temps de tester quelques impressions.

ÉTAPE 11 Manuel



- Lisez le **Manuel d'impression 3D** dédié à votre imprimante et suivez les instructions pour configurer l'imprimante et la préparer pour votre première impression.

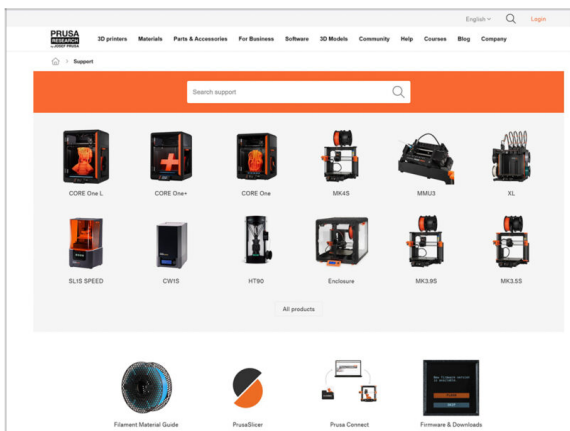


La dernière version est toujours disponible à l'adresse prusa.io/core-one-plus.



Read the Disclaimer and Safety instructions chapters.

ÉTAPE 12 Base de connaissances Prusa

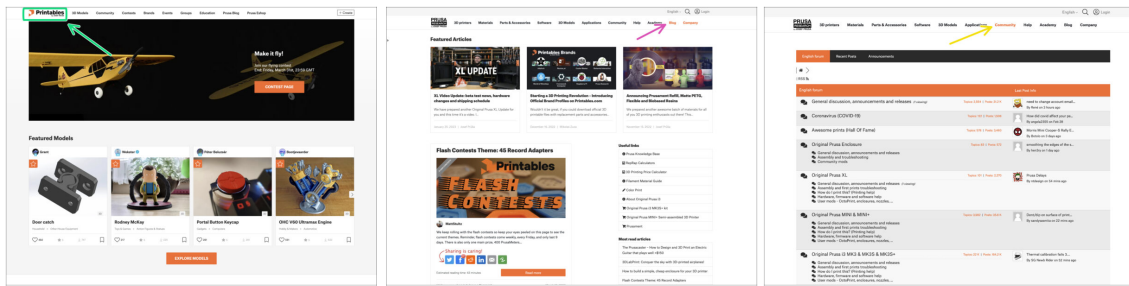


Si vous rencontrez un quelconque problème, n'oubliez pas que vous pouvez toujours jeter un œil à notre base de connaissances à l'adresse help.prusa3d.com



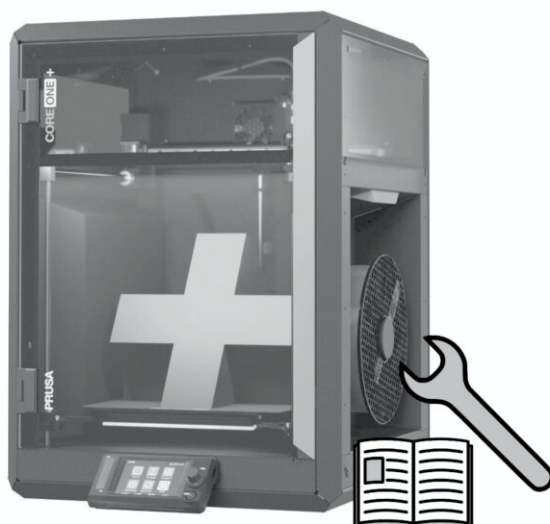
We're adding new topics every day!

ÉTAPE 13 Rejoignez Printables !



- N'oubliez pas de rejoindre la plus grande communauté Prusa ! Téléchargez les derniers modèles en STL ou G-code adaptés à votre imprimante. Inscrivez-vous sur [Printables.com](https://www.prusa3d.com/printables)
- À la recherche d'inspiration pour de nouveaux projets ? Consultez notre blog pour les mises à jour hebdomadaires.
- If you need help with the build, check out our forum with a great community :-)
- i All Prusa services share one user account.

Journal des modifications



ÉTAPE 1 Historique des versions



- **Versions du manuel de la Prusa CORE One+ (assemblée) :**
- 11/2025 - Version initiale 1.00

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across the entire width of the page, providing a guide for handwriting or typing. The background is a clean, solid white color.

[illegible]

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across its entire width, providing a guide for handwriting or typing. The background is a clean, solid white color. There are no margins, text, or other markings present on the page.

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across the entire width of the page, providing a guide for writing. The background is a clean, solid white color. There are no margins, text, or other markings present on the sheet.

