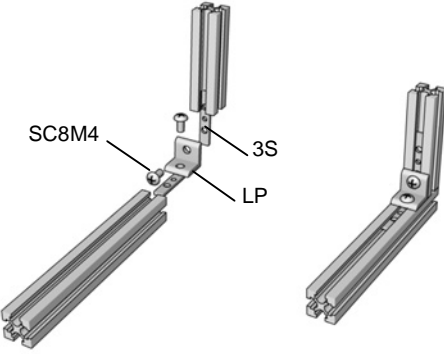
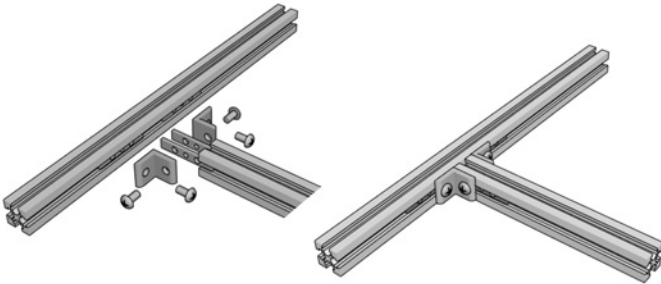
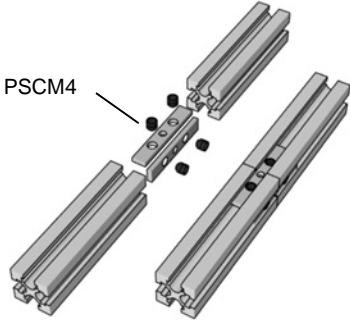
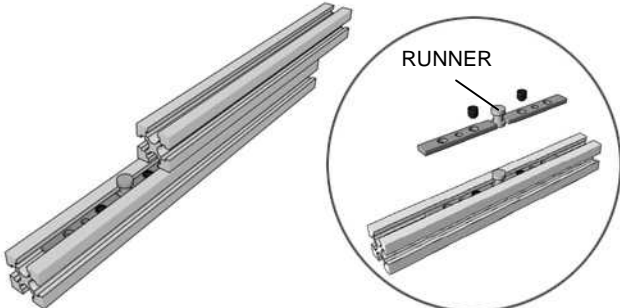


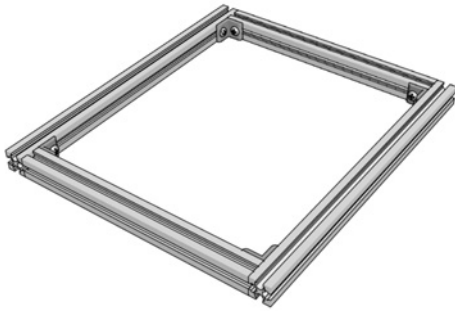
## Basic Assembly of LUBIC

This chapter describes the basic assembly of LUBIC.

Some parts used in the description may not be included in the kit.

<p>Connect frames at right angles.</p>  <p>SC8M4</p> <p>3S</p> <p>LP</p>	<p>[Required Parts] Frame x 2, Washer (3S) x 2, M4 Millimeter Screw (SC8M4) x 2, Brackets x 1</p> <hr/> <p>Insert 3S into the rail and fix LP with SC8M4.</p>
<p>Connect frames to be T-shaped.</p> 	<p>[Required Parts] Frame x 2, Washer (3S) x 4, M4 Millimeter Screw (SC8M4) x 4, Brackets (LP) x 2</p> <p>Insert 3S into the rail and fix LP with SC8M4.</p>
<p>Extend frames.</p>  <p>PSCM4</p>	<p>[Required Parts] Frame x 2, Washer (3S) x 2, Washer Fixing Screw (PSCM4) x 4</p> <p>Line up frames in parallel and insert 3S into the surface of rail. Place the center of 3S to be placed as a rail joint part, and fix them with PSCM4.</p>
<p>Connect frames in parallel.</p>  <p>RUNNER</p>	<p>[Required Parts] Frame x 2, Washer (3S) x 2, M4 Millimeter Screw for fixing washer (PSCM4) x 2, RUNNER Slide x 1 (separately sold)</p> <p>Align frames up and down and then insert RUNNER into the rail. Insert 3S on both sides of the rail and fix them with PSCM4.</p>

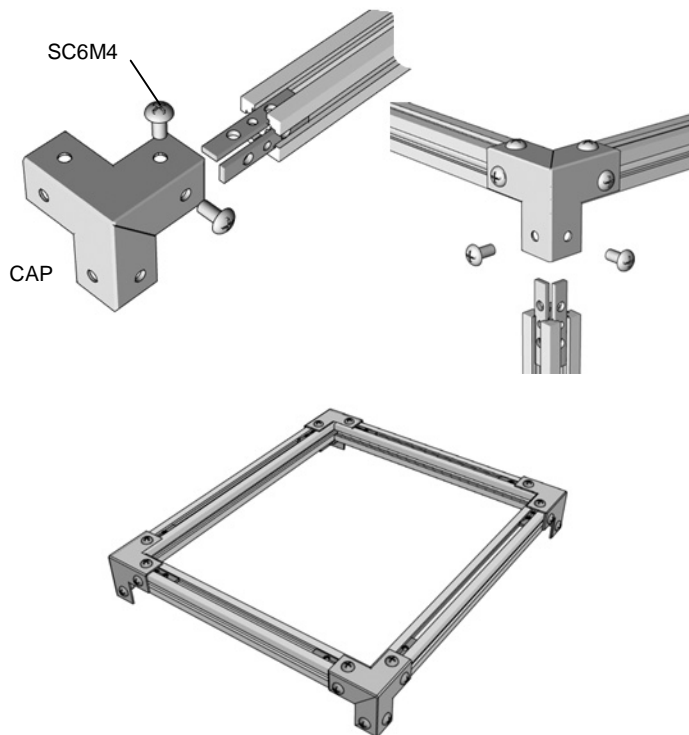
Create a framework with frames.  
Step 1 (LP used)



[Required Parts]  
Frame x 4, Washer (3S) x 8, M4 Millimeter Screw (SC8M4) x 8, Brackets (LP) x 4

Refer to the description on "Connect frames at right angles." Fix 4 corners with LP and create a framework.

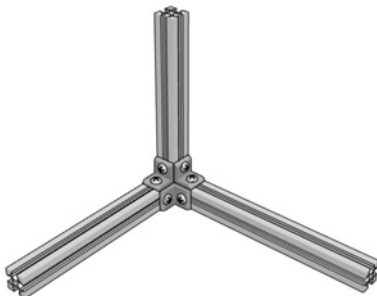
Create a framework with frames.  
Step 2 (CAP used)



[Required Parts]  
Frame x 4, Washer (3S) x 8, M4 Millimeter Screw (SC8M4) x 8, three-sided corner brackets (CAP) x 4 (separately sold)

Insert 3S into both sides of the frame and fix CAP with SC6M4. Similarly, fix 4 corners of the frame with CAP and create a framework.

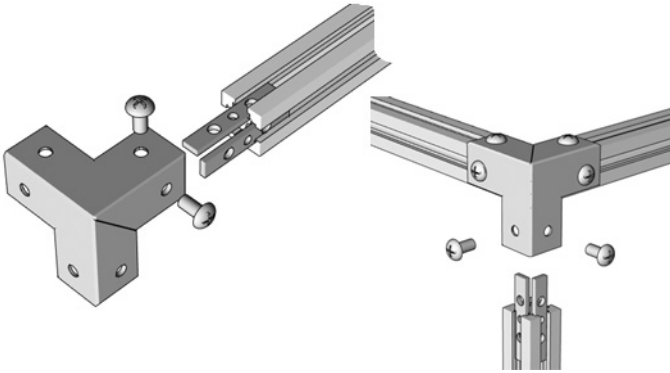
Create a corner with frames.  
Step 1 (LP used)



[Required Parts]  
Frame x 3, Washer (3S) x 6, M4 Millimeter Screw (SC8M4) x 6, Brackets (LP) x 3

Refer to the description on "Connect frames at right angles." Fix edges of 3 frames with LP.

Create a corner with frames.  
Step 2 (CAP used)



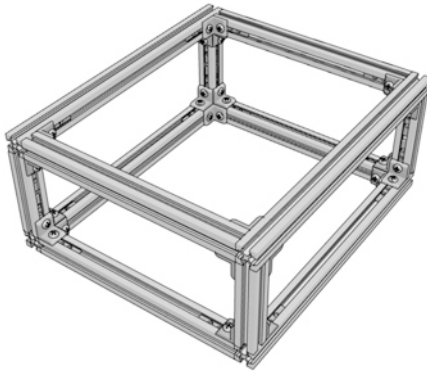
[Required Parts]

Frame x 3, Washer (3S) x 6, M4 Millimeter Screw (SC6M4) x 6, three-sided corner brackets (CAP) x 1 (separately sold)

Insert 3S into both sides of the frame and fix CAP with SC6M4.

Similarly, fix the rest of the frames.

Create a cube with frames.  
Step 1 (LP used)



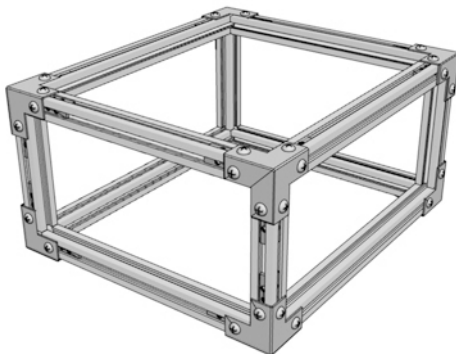
[Required Parts]

Frame x 12, Washer (3S) x 48, M4 Millimeter Screw (SC8M4) x 48, Brackets (LP) x 24

Refer to the description on "Create a framework with frames Step 1" and "Create a corner with frames Step 1".

A cube can be created by applying these methods.

Create a cube with frames.  
Step 2 (CAP used)



[Required Parts]

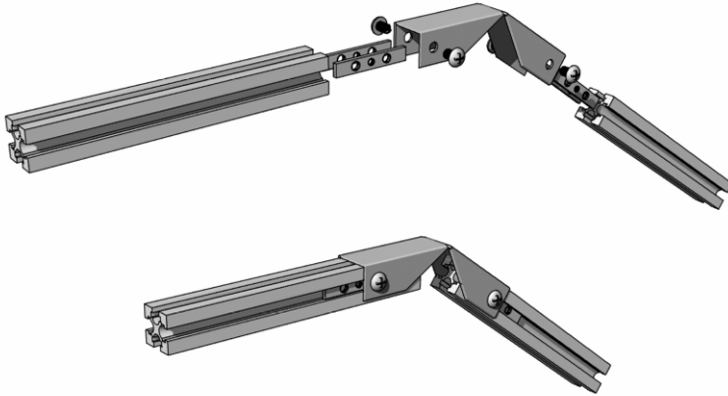
Frame x 12, Washer (3S) x 48, M4 Millimeter Screw (SC6M4) x 48, three-sided corner brackets (CAP) x 8 (separately sold)

Refer to the description on "Create a framework with frames Step 2" and "Create a corner with frames Step 2".

A cube can be created by applying these methods.

Connect frames with creating an angle.

CAP135



[Required Parts]

Frame x 2, Washer (3S) x 4, M4 Millimeter Screw (SC6M4) x 4, corner brackets (CAP135) x 1 (separately sold)

Insert 3S into both sides of the frame and fix CAP135 with SC6M4.

Please be very careful not to hurt yourself upon changing the angle of CAP135.

< Tips >

It can be bent neatly by bending the frame after fixing one side of CAP135.

## Mounting each PC Parts

\* A various mounting methods can be performed besides what is introduced here by adopting free-minded ideas.

Fix a drive.



[Required Parts]

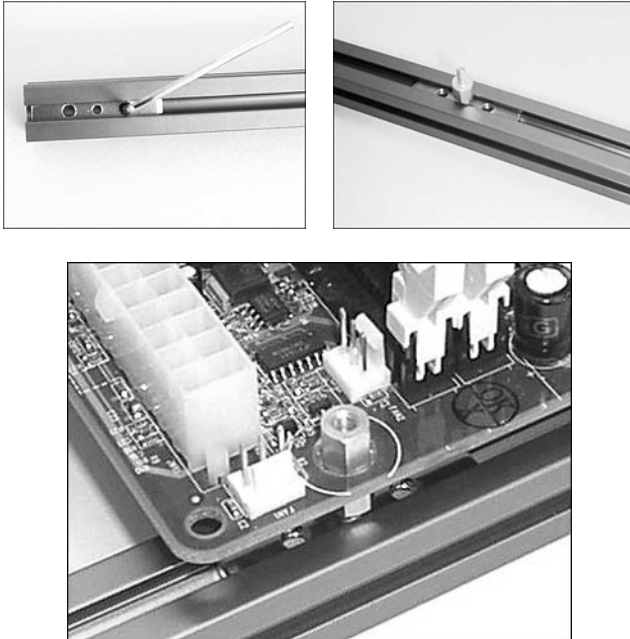
Frame, Washer (3S) x 4, M4 Millimeter Screw (SC8M4) x 4, Brackets (LP) x 4, M3 Inch Screw (SC6H) x 4, M3 Millimeter Screw (SC10M3) x 4

Mount LP on the drive.

Use SC10M3 for mounting HDD in case of using SC6H or CD-ROM.

Fix LP with SC8M4 where mounted on the drive with 3S being inserted into the rail of the frame.

Fix a motherboard.



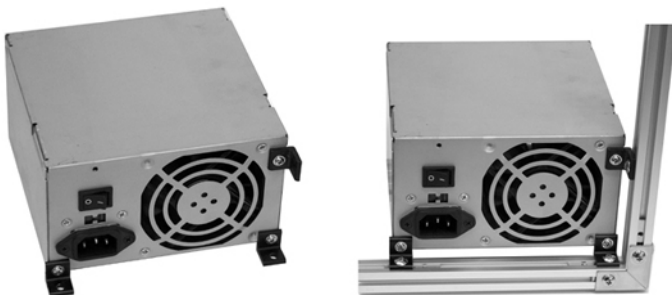
[Required Parts]

Frame, Washer (3S) number varies depending on the required number, Motherboard Fixing Screw Set (MBSC) x1 ~ 9, M3 Millimeter Screw ( CD/DVD etc ) x1 ~ 9, Silicon Washer (SLWR: separately sold )

Fix 3S on the frame with PSCM4 so as to fit to the screw hole of the motherboard.

Mount it on the "perforated slide" with "MBSC: Convex-Convex Type" fixed. Conduct insulating by covering the SLWR on the "MBSC: Convex-Convex Type", and set the motherboard in. Cover SLWR from the top and clamp screws with "MBSC: Concave-Concave Type".

Fix a power supply.



[Required Parts]

Frame, Washer (3S) x 4, Power Supply Fixing Screws (SC16H) x 4, Brackets (LP) x 4, M4 Millimeter Screw (SC8M4) x 4

Mount LP on the power supply unit with using SC16H.

Fix LP with SC8M4 where mounted on the power supply with 3S inserted into the rail of the frame.

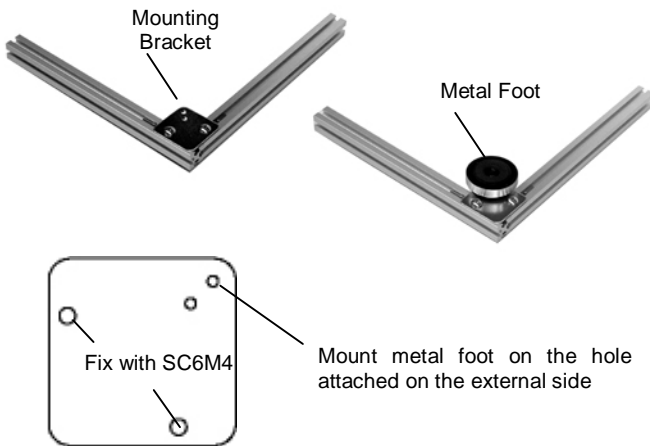
Mount foot parts.  
Step 1 (Wheel used)



[Required Parts]  
Frame, Washer (3S) x 8, M4 Millimeter Screw (SC6M4) x 8, Wheel (WH) x 1 pair (separately sold)

Fix WH with SC6M4 on the 3S being inserted into the rail of the frame.

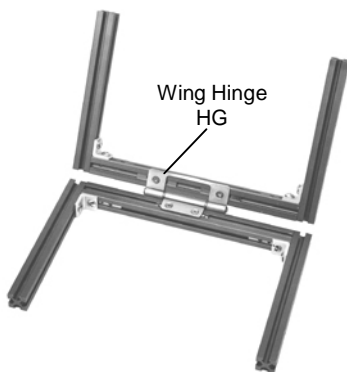
Mount foot parts.  
Step 2 (Metal foot used)



[Required Parts]  
Frame, Washer (3S) x 8, M4 Millimeter Screw (SC6M4) x 12, Metal Foot (MF-DX) x 1 pair (separately sold)

Fix Metal Foot (MF-DX) on the mounting bracket with SC6M4.  
Fix the metal foot mounting bracket with SC6M4 on the 3S being inserted into the rail of the frame.

Fold frames.  
Step 1 (Wing Hinge used)

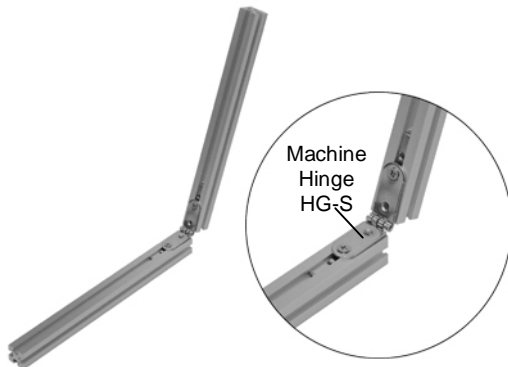


[Required Parts]  
Frame, Washer (3S) x 2, Washer (2S: separately sold) x 2, Wing Hinge (HG: separately sold) x 1 set

Folded structure or switching can be performed by fixing 3S, that is inserted into the rail of the frame, on the wing hinge as shown on the left diagram.

Fold frames.

Step 2 (Machine Hinge used)

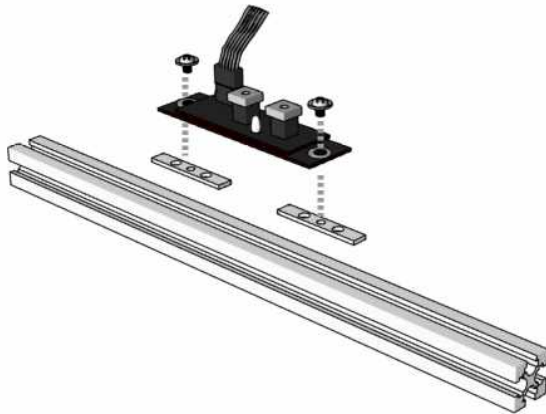


[Required Parts]

Frame, Washer (3S) x 2, Machine Hinge (HG-S: separately sold) x 1 set

Folded structure or switching can be performed by fixing 3S that is inserted into the rail of the frame on the machine hinge as shown on the left diagram.

Mount switch (SWR2).



[Required Parts]

Frame, Washer (3S) x 2, M4 Millimeter Screw (SC6M4) x 2, Power Supply Switch (SWR2) x 1 pair (separately sold)

Insert 3S into the frame and fix SWR2 with SC6M3.