

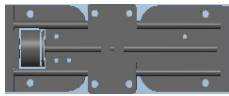
## Banana Pro Laser Engraver Installation Guide

What we need

What we get

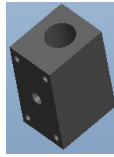
Step 1: Connect Laser Radiator to X motor via M3\*6 screw

X Motor



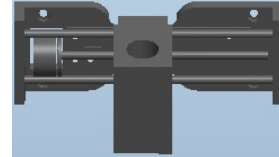
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Laser Radiator



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Model1



Step 2: Connect Laser CPU to Shell11 via M3\*6 copper cylinder, M3\*4 screw and M3 nut

Laser CPU



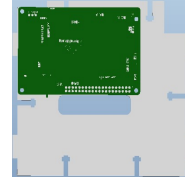
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Shell11



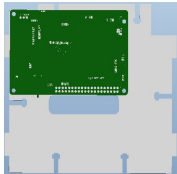
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Model2



Step 3: Connect Model2 to Shell12 via M3\*16 screw and M3 nut

Model2



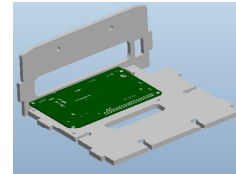
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Shell12



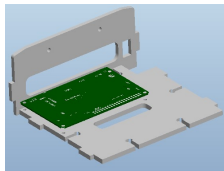
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Model3



Step 4: Connect Model3 to Shell13 via M3\*16 screw and M3 nut

Model3



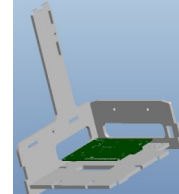
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Shell13



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Model4



Step 5: Connect Y Motor to Shell14 via M3\*8 screw

Y Motor



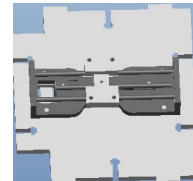
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Shell14



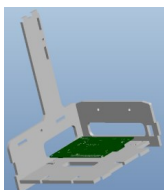
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Model5



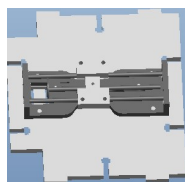
Step 6: Connect Model5 to Model4 via M3\*16 screw and M3 nut

Model4



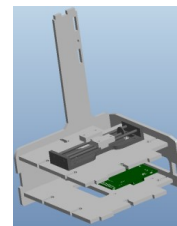
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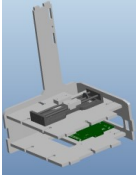

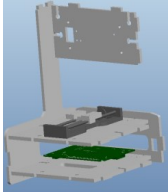
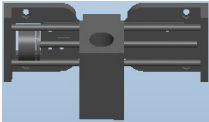
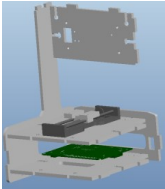
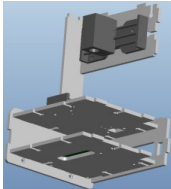
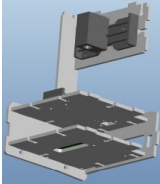

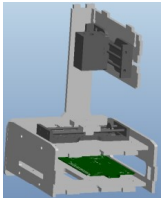
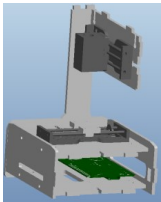
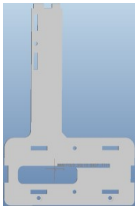
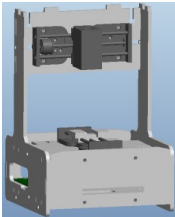
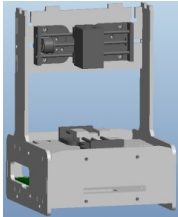

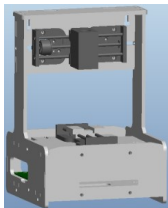
Model5

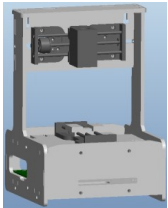

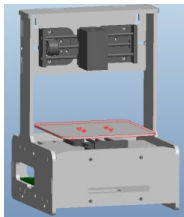


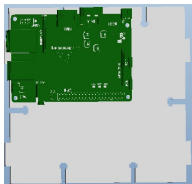
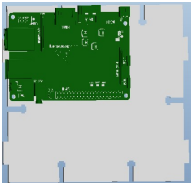

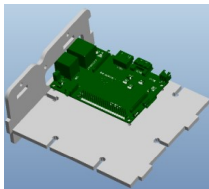
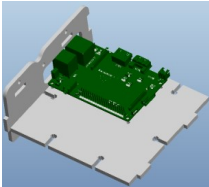

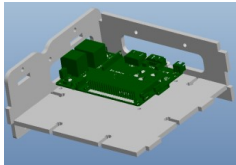
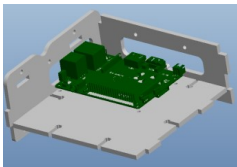

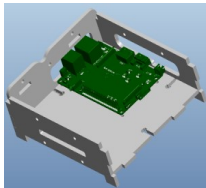
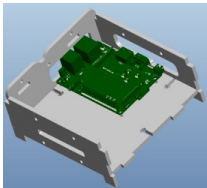

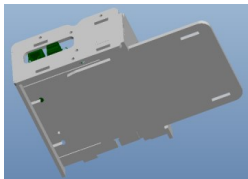


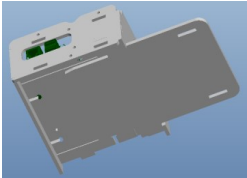
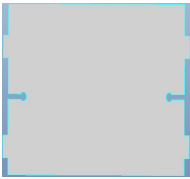
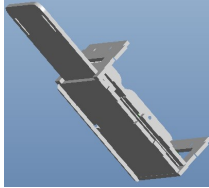
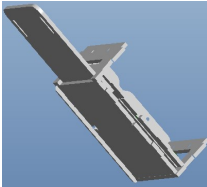

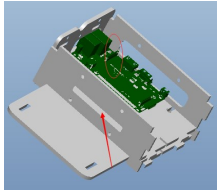
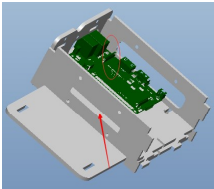
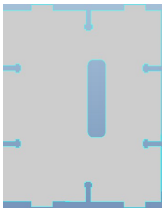
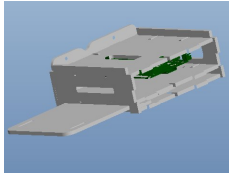
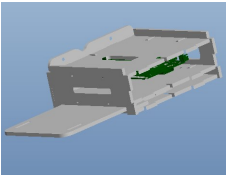

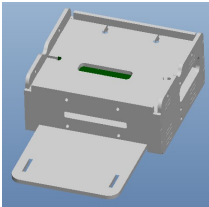
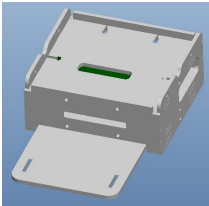

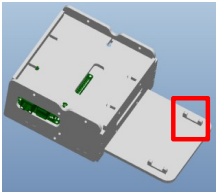
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Model6

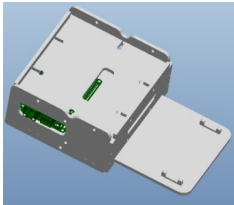
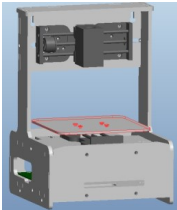
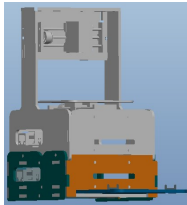


Step 7: Connect Shell15 to Model16 via M3*16 screw and M3 nut				
Model16 	+	Shell15 	=	Model17 
Step 8: Connect Model11 to Model17 via M3*8 screw				
Model11 	+	Model17 	=	Model18 
Step 9: Connect Shell16 to Model18 via M3*16 screw and M3 nut				
Model18 	+	Shell16 	=	Model19 
Step 10: Connect Shell17 to Model19 via M3*16 screw and M3 nut				
Model19 	+	Shell17 	=	Model110 
Step 11: Connect Shell18 to Model110 via M3*16 screw and M3 nut				
Model110 	+	Shell18 	=	Model111 

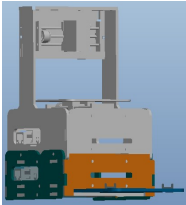

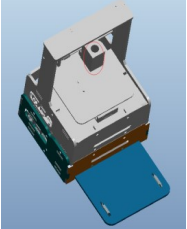
Step 12: Connect Shell9 to Model11 via M3*10 screw				
Model11 	+	Shell9 	=	Model12 
Step 13: Connect Banana Pro to Shell10 via M3*4 copper cylinder M3*4 screw and M3 nut				
Bananpro 	+	Shell10 	=	Model13 
Step 14: Connect Shell11 to Model13 via M3*16 screw and M3 nut				
Model13 	+	Shell11 	=	Model14 
Step 15: Connect Shell12 to Model14 via M3*16 screw and M3 nut				
Model14 	+	Shell12 	=	Model15 
Step 16: Connect Shell13 to Model15 via M3*16 screw and M3 nut				
Model15 	+	Shell13 	=	Model16 
Step 17: Connect Shell14 to Model16 directly				
Model16 	+	Shell14 	=	Model17 

Step 18: Connect Shell115 to Model117 via M3*16 screw and M3 nut				
Model117 	+	Shell115 	=	Model118 
Step 19: Connect the 40PIN FPC LCD Cable to Banana Pro and let it go cross the hole which the arrows point to in the Model119				
Model118 	+	40PIN FPC LCD Cable 	=	Model119 
Step 20: Connect Shell116 to Model119 via M3*16 screw and M3 nut				
Model119 	+	Shell116 	=	Model120 
Step 21: Connect Shell117 to Model120 via M3*16 screw and M3 nut				
Model120 	+	Shell117 	=	Model121 
Step 22: Connect Shell118 to Model121 directly				
Model121 	+	Shell118 	=	Model122 

Step 23: Connect Model12 to Model22 via M3\*10 screw and M3 nut

Model22 	+	Model12 	=	Model23 
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Step 24: Insert the laser to the laser radiator in Model24

Model23 	+	Laser 	=	Model24 
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Step 25: Connect USB of Laser CPU to the power in micro USB of Banana Pro via USB cable to set up the power connection.

Laser CPU 	via	USB cable 	connect	Banana Pro 
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Step 26: Connect USB of Laser CPU to the power in micro USB of Banana Pro via USB cable to set up the power connection.



Banana Pro 	via	USB cable 	connect	Laser CPU 
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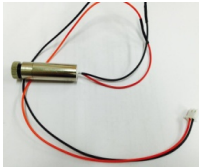
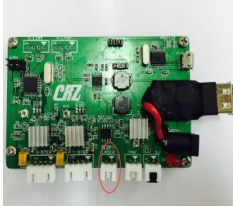
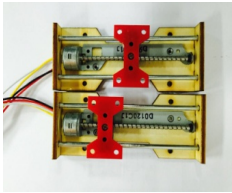
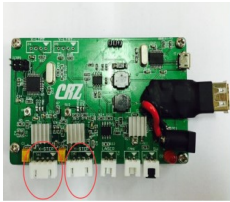

Step 27: Insert the system SD card into the card slot of Banana Pro

Step 28: Connect the mouse and keyboard to the Banana Pro

Step 29: Connect the LCD displayer to the Banana Pro via the 40P LCD cable

Step 30: Insert the switch into the SW connector of Laser CPU

Switch 	connect	Laser CPU 		
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Step 31: Insert the laser connector into the LASER connector of Laser CPU				
<p>Laser emitter</p> 	connect	<p>Laser CPU</p> 		
Step 32: Insert the X/Y Motors into the X/Y-STEP connectors respectively of the Laser CPU				
<p>X/Y Motor</p> 	connect	<p>Laser CPU</p> 		
Step 33: Insert the DC12V adapter into the power connector of the Laser CPU				
<p>DC 12V adapter</p> 	connect	<p>Laser CPU</p> 