

Disassembly Assessment Report

Product Name : LCD Monitor

Model No. : XB2497HSU-B1

Performance Date : 8/20/2025



Product General Information

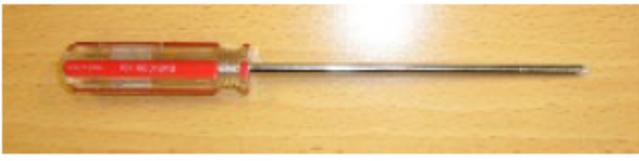
•Spec. :

- 23.8" with texture outlook
- Resolution: 1920 x 1080
- DP, & HDMI input with USB 2.0
- TFT-LCD panel type; LED backlight
- Response Time: 14ms (TYP)
- Luminance: 350 cd/m² (TYP.)
- Contrast ratio: 1500:1 (TYP.)
- View angle: Horizontal: 89 (TYP.)
Vertical: 89 (TYP.)

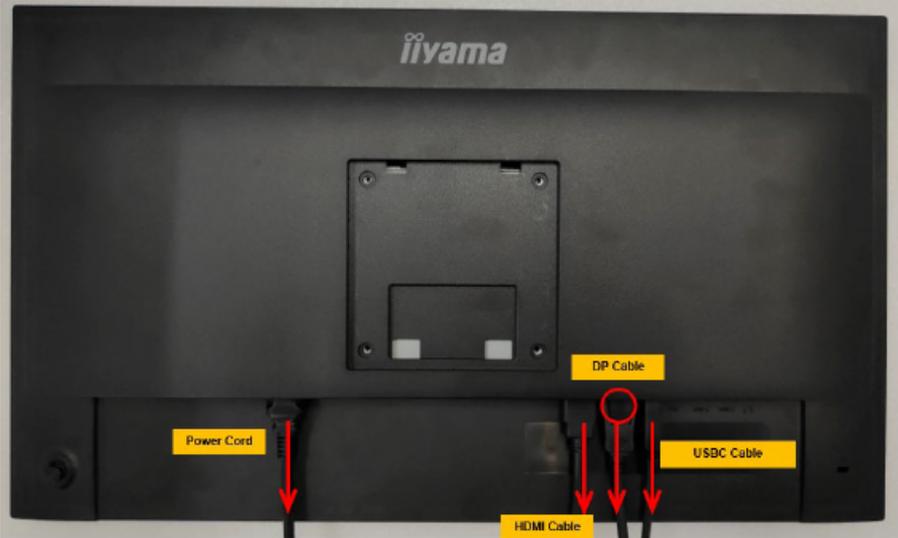
• Approval environment standard :

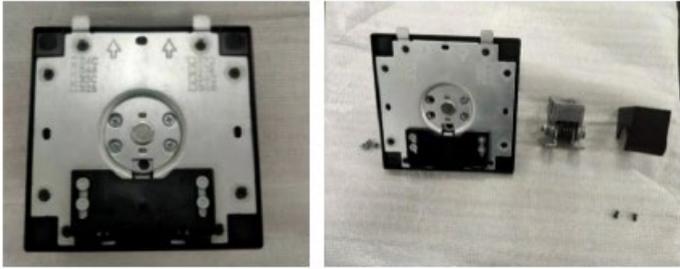
- RoHS
- REACH-SVHC
- WEEE

Disassembly Tools

Tool	picture
Philips Screwdriver for M3 screw	
nosed pliers	
Diagonal Cutting Pliers	
Slotted screwdriver	
Six Point Sockets	
Philips Screwdriver for M2.5 screw	
knife	

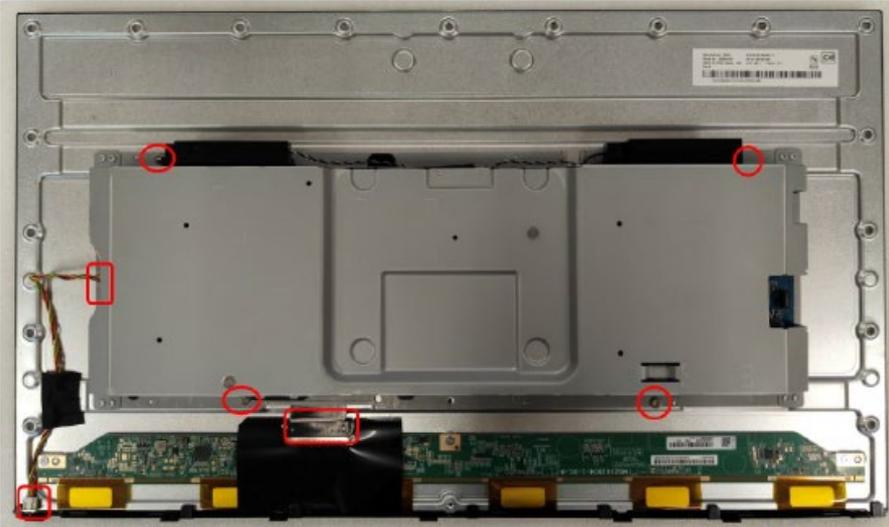
Disassembly process

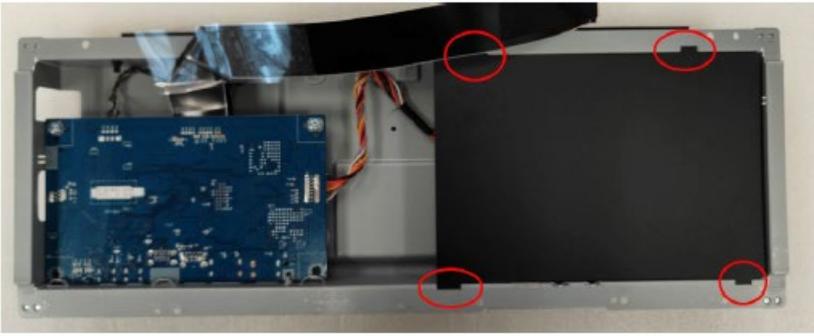
<p>Remove external cable (WEEE ANNEX VII), Then start the disassembly process.</p>	TOOL
<p>a. Remove DP cable (Press button on DP connector to unlock before unplug).</p> <p>b. Remove Power Cord, HDMI cable, USB2.0 Cable.</p> 	Hand
<p>1.Remove ASSY Stand</p>	TOOL
<p>1.1 Unlock by release button.</p> 	Hand
<p>1.2 Release thumb-screw to disassemble the VESA module from Stand.</p> 	Hand

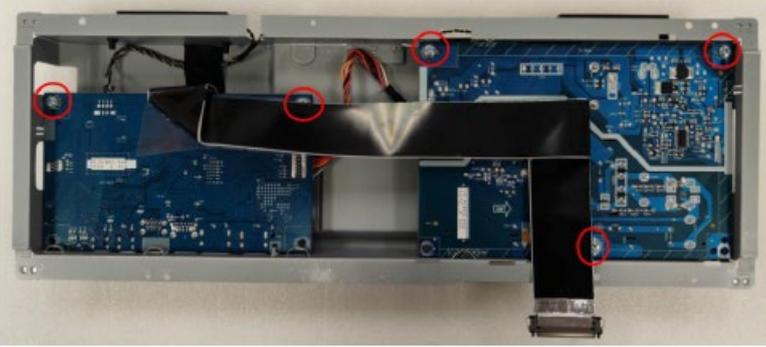
<p>1.3 Remove screw to disassemble Hinge from VESA.</p> 	<p>Screwdriver</p>
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<p>2. Remove ASSY Rear Cover</p>	<p>TOOL</p>
<p>2.1 Remove RC by hand, disconnect FFC from PCBA.</p> 	<p>Hand</p>

<p>2.2 Remove PCB form RC by screwdriver</p> 	<p>Hand Screwdriver</p>
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3.Remove ASSY SHD & PCBA	TOOL
<p>3.1 Remove adhesive tape, disconnect LVDS, disconnect and remove all wires. Unlock screws by screwdriver</p> 	<p>Hand Screwdriver</p>

<p>3.2 Remove Mylar.</p> 	<p>Hand</p>
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<p>3.3 Unlock all screws on PCBA.</p> 	<p>Screwdriver</p>
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4. Remove Deco	TOOL
4.1 Remove Deco from Panel.	Hand
4.2 Panel	Hand



5. Accessory cables		
		
<p>POWER CORD</p> 	<p>CABLE DP</p> 	<p>WEEE annex VII External cable</p>
<p>CABLE HDMI</p>	<p>CABLE USB 3.0</p>	

Disassembly Time

Total time: 4 minutes and 53 seconds

Summary

Assessment specification	WEEE Directive 2012/19/EU		
WEEE Directive Product Category	Monitors		
	WEEE requirement	Disassembly result	Judgment (Pass/Fail)
Reuse + Recycled Rate(%)	70	90.04	PASS
Recovery Rate(%)	80	90.11	PASS