

Disassembly Assessment Report

Product Name : LCD Monitor

Model No. : X2497HSU-B1

Performance Date : 8/20/2025



Product General Information

•Spec. :

- 23.8" with texture outlook
- Resolution: 1920 x 1080
- DP, & HDMI input with USB 3.0
- 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 :

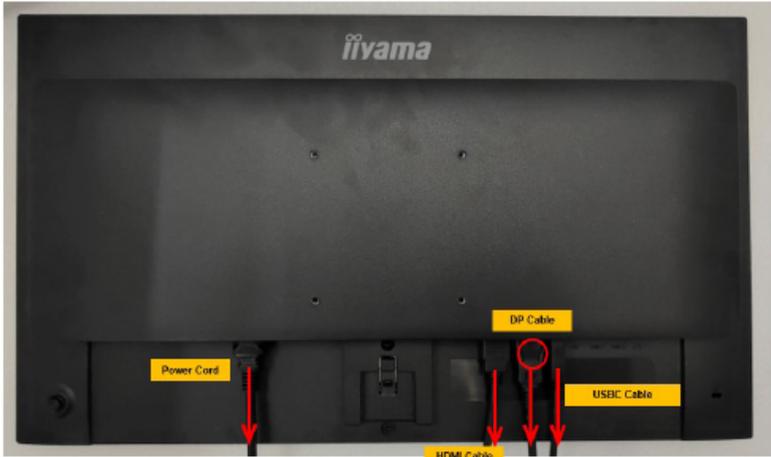
- RoHS
- REACH-SVHC
- WEEE

Disassembly Tools

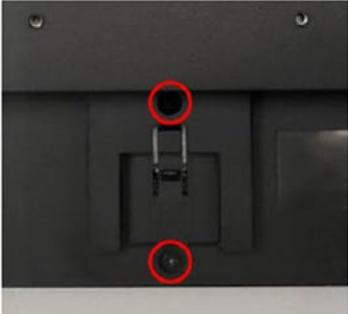
Tool	picture
Philips Screwdriver for M3 screw	
nosed pliers	
Diagonal Cutting Pliers	
Slotted screwdriver	
Six Point Sockets	
Philips Screwdriver for M2.5 screw	
knife	
#10 Box socket wrench for M6 nut	

Disassembly process

<p>Remove external cable (WEEE ANNEX VII), Then start the disassembly process.</p>	<p>TOOL</p>
<p>a. Remove DP cable (Press button on DP connector to unlock before unplug).</p> <p>b. Remove Power Cord, HDMI cable, USB3.0 Cable.</p>	<p>Hand</p>
<p>1.Remove ASSY Stand</p>	<p>TOOL</p>
<p>1.1 Unlock by release button.</p>	<p>Hand</p>
<p>1.2 Release thumb-screw to disassemble the Column module from Stand</p>	<p>Screwdriver</p>

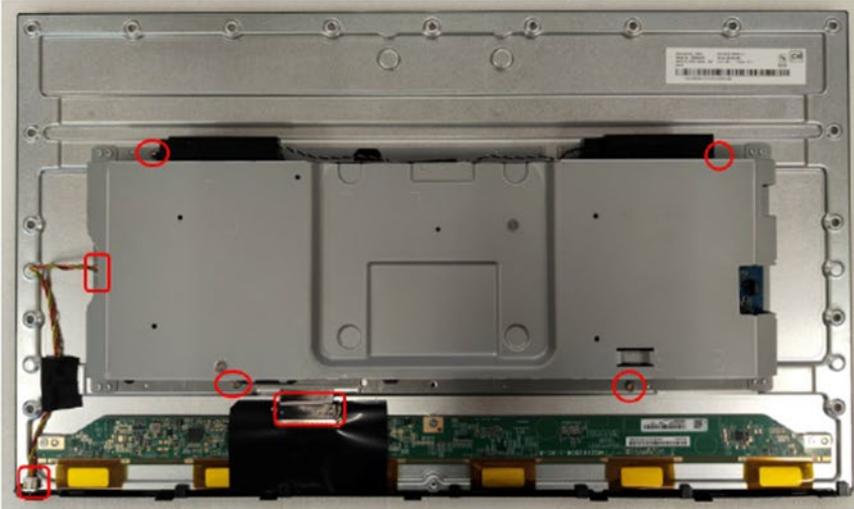
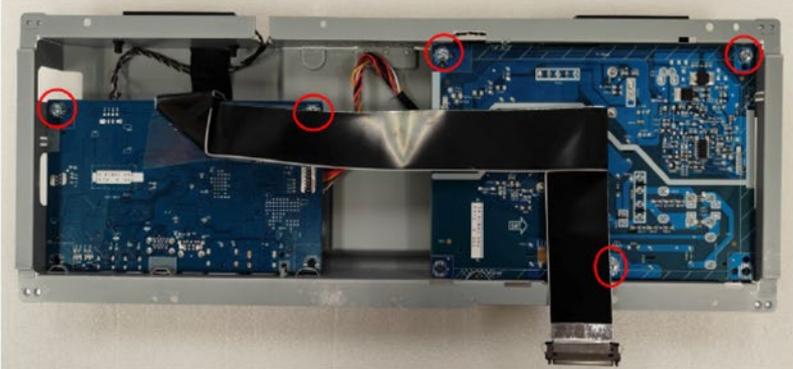
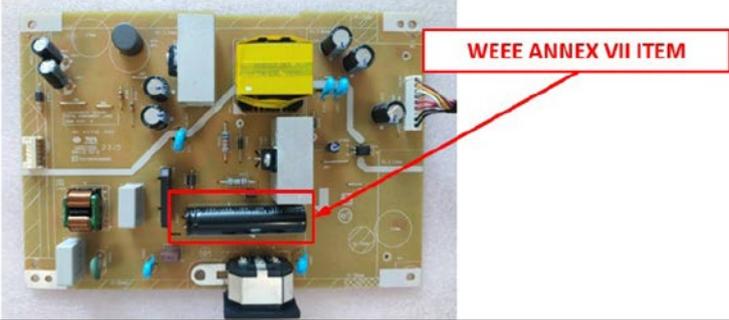


<p>1.3 Remove screw to disassemble Hinge</p> 	<p>Box socket</p>
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<p>2.Remove ASSY Rear Cover</p>	<p>TOOL</p>
<p>2.1 Unlock screw from RC.</p> 	<p>Screwdriver</p>

<p>2.2 Remove RC by hand, disconnect FFC from PCBA.</p> 	<p>Hand</p>
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<p>2.3 Remove PCB form RC by screwdriver</p> 	<p>Hand Screwdriver</p>
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<p>3.Remove ASSY SHD & PCBA</p>	<p>TOOL</p>
<p>3.1 Remove adhesive tape, disconnect LVDS, disconnect and remove all wires. Unlock screws by screwdriver</p> 	<p>Hand Screwdriver</p>
<p>Unlock all screws on PCBA.</p> 	<p>Screwdriver</p>
<p>Remove > 2.5cm ECAP from PCBA.</p> 	<p>Diagonal Cutting Pliers</p>

4. Remove Deco	TOOL
<p>4.1 Remove Deco from Panel.</p> 	Hand
<p>4.2 Panel</p> 	Hand
<p>5. Accessory cables</p>  <p>POWER CORD</p> <p>CABLE DP</p> <p>CABLE HDMI</p> <p>CABLE USB 3.0</p> <div data-bbox="957 1612 1220 1736" style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>WEEE annex VII External cable</p> </div>	

Disassembly Time

Total time: 4 minutes and 45 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	90.45	PASS
Recovery Rate(%)	80	90.51	PASS