



Product End-of-Life Disassembly Instructions

Product Category: Monitors and Displays

Marketing Name / Model

[List multiple models if applicable.]

HP 549pm

HP Series 5 Pro 549pm

HP Series 5 Pro 49 inch DQHD USB-C Conferencing Monitor - 549pm

Purpose: The document is intended for use by end-of-life recyclers or treatment facilities. It provides the basic instructions for the disassembly of HP Inc. products to remove components and materials requiring selective treatment, as defined by EU directive 2012/19/EC, Waste Electrical and Electronic Equipment (WEEE).

NOTE: Recyclers should sort plastic materials into resin streams for recycling based on the ISO 11469 plastic marking code on the plastic part. For any questions on plastic marking or identification of location of parts or components requiring selective treatment, please contact [HP's Sustainability Contact](#).

1.0 Items Requiring Selective Treatment

1.1 Items listed below are classified as requiring selective treatment. An "X" in the list of components and parts indicates the product contains the component or part requiring selective treatment

Item Description	Components and parts requiring selective treatments	Quantity of items included in product
Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA) with a surface greater than 10 sq cm	☒ Main board (MB) PCB ☐ Solid state drive (SSD) PCB ☐ Wireless WAN module (WWAN) PCB ☐ Touch module PCB ☒ Power supply PCB ☐ External Keyboard (KB) ☐ External Mouse ☒ Others: __converter board/ Audio board/ Sensor board	5
Batteries, excluding Li-Ion batteries. This includes standard alkaline, coin or button style batteries	☐ RTC/CMOS battery ☐ Others: _____	0
Li-Ion batteries. Includes all Li-Ion batteries if more than one is provided with the product (such as a detachable notebook keyboard battery, etc.)	Li-ion battery(ies) are attached to the product by: ☐ screws ☐ snaps ☐ adhesive ☐ other. Explain _____	0
Mercury-containing components. For example, mercury in lamps, display backlights, scanner lamps, switches, batteries		0
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm. Includes background illuminated displays with gas discharge lamps	☒ Panel LCD	1

Item Description	Components and parts requiring selective treatments	Quantity of items included in product
<i>Cathode Ray Tubes (CRT)</i>		0
<i>Capacitors / condensers (Containing PCB/PCT)</i>		0
<i>Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height</i>	☒ Power Supply capacitor(s) or condenser(s)	3
<i>External electrical cables and cords</i>	☒ AC power cord ☐ Audio, video or data cables ☒ Other: <u>USB-C cable*2</u>	3
<i>Gas Discharge Lamps</i>		0
<i>Plastics containing Brominated Flame Retardants (not including external electrical cables and cords, PCBs or PCAs already listed as a separate item above)</i>		0
<i>Components and parts containing toner and ink, including liquids, semi-liquids (gel/paste) and toner. Include the cartridges, print heads, tubes, vent chambers, and service stations.</i>		0
<i>Components and waste containing asbestos</i>		0
<i>Components, parts and materials containing refractory ceramic fibers</i>		0
<i>Components, parts and materials containing radioactive substances</i>		0
<i>Components containing chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC) or hydrofluorocarbons (HFC), hydrocarbons (HC)</i>		0

2.0 Tools Required

List the type and size of the tools that would typically be used to disassemble the product to a point where components and materials requiring selective treatment can be removed.

Tool Description	Tool Size (if applicable)
Screwdriver	RUBICON NO-107 NO.2
Screwdriver	RUBICON NO-101 NO.0#
HEX header screwdriver	5.0mm 9400-M5 Pro'sKit
Suction cup	N/A

3.0 Product Disassembly Process

3.1 List the basic steps that should typically be followed to remove components and materials requiring selective treatment including the required steps to remove the external enclosure.

1. Lay the monitor on a flat, soft and clean surface.
2. Push the button to remove the stand-base assy.
3. Remove the HINGE
4. Open the rear cover. Use disassembly tool to open all the latches along the edge of the rear cover.
5. Remove Pivot cover. Use disassembly tool to open the pivot cover
6. Remove the rear cover. Lift the rear cover. Disconnect the connector, and remove screws of Hinge. Unplug the backlight cables
7. Tear off tapes. Tear off the tapes and remove USB BKT,USB PCB, disconnect the pin carefully.
8. Remove the Power and Scalar mainframe. Use screwdriver to release all screws power and Scalar mainframe.
9. Remove the mylar. Remove the Power and Scalar Mylar
10. Remove the Scalar board, power board, converter board and audio board .Use screwdriver to release all screws to remove the Scalar board, Power board, converter board and audio board
11. Unplug cables. Unplug the AC inlet cable on the Power board.
12. Remove AC inlet. Use screwdriver to release the ground cable and the screws of AC inlet
13. Unplug cables. Unplug cables between Scalar and Power board. Unplug cables between converter/audio board and Scalar board.
14. Unscrew the screws to remove the middle frame, deco and Panel. Use screwdriver to release 5 screws to remove the deco. Use screwdriver to release 17 screws to remove the middle frame and Panel
15. Remove power key and UCC key. Use screwdriver to release screws and remove PW key & UCC key board
16. Remove OSD key board and Sensor board. Use screwdriver to release screws and remove OSD key board
17. Remove webcam module. Use screwdriver to release 4 screws and remove Webcam module.

3.2 Location of components requiring selective treatment. The photos and/or graphics below identify the location of the parts or components requiring selective treatment within the main unit. For End-of-Life product disassembly instructions of external accessories including external power supply (EPS), external keyboard (KB) external mouse and external cables and cords, refer to the following URL: [End-of-Life Product Disassembly Instructions \(hp.com\)](http://hp.com)

1. Precaution

Please read the precautions as follows to prevent any damages to the LCD Monitor.

Make sure all power connection is removed. Be sure that the LCD Monitor is in power off status.

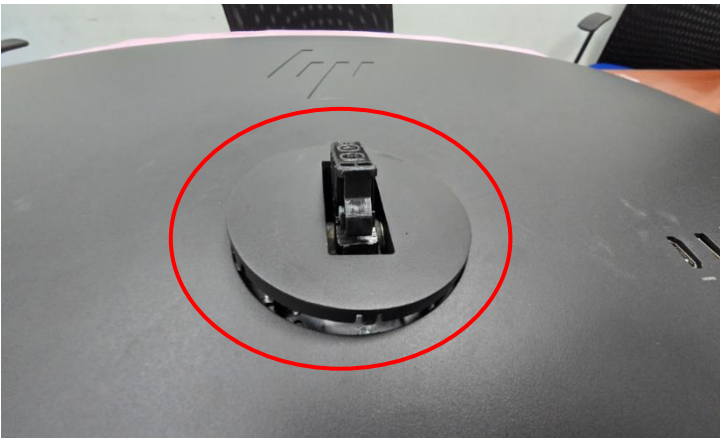
Prepare soft cloth and sponge as working platform to place LCD monitor horizontally.		
Hold LCD by the side carefully and DON'T touch or press panel directly.		

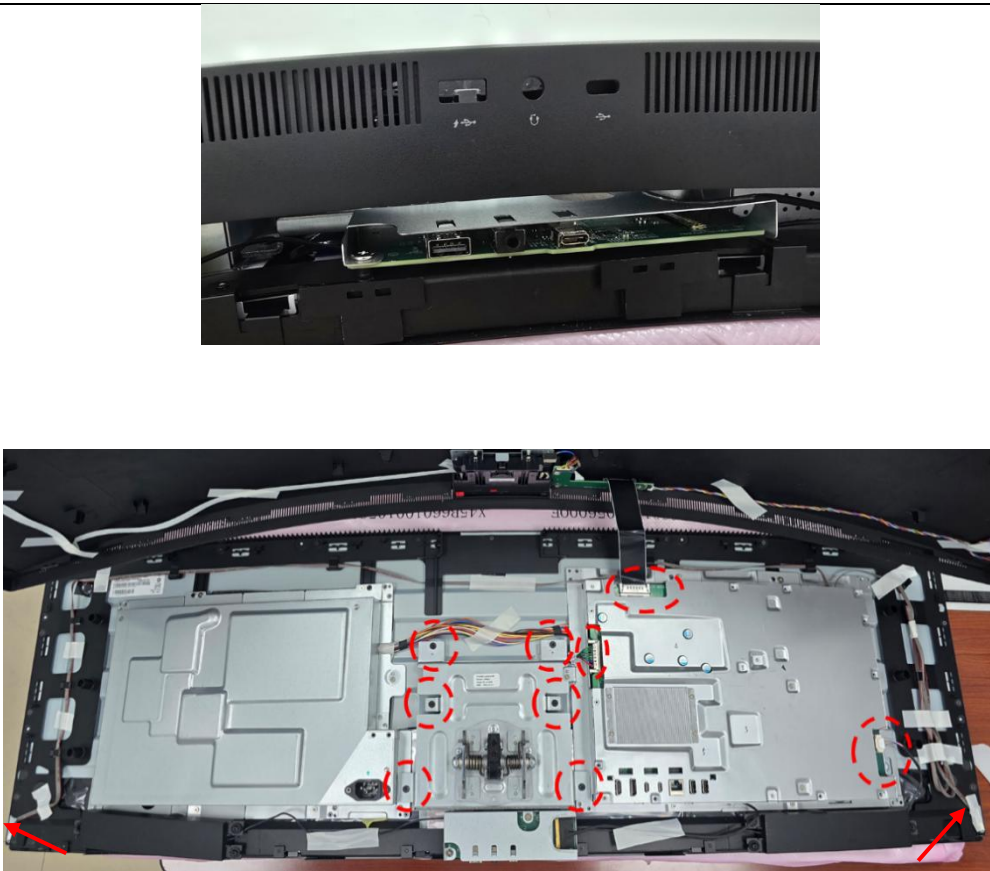
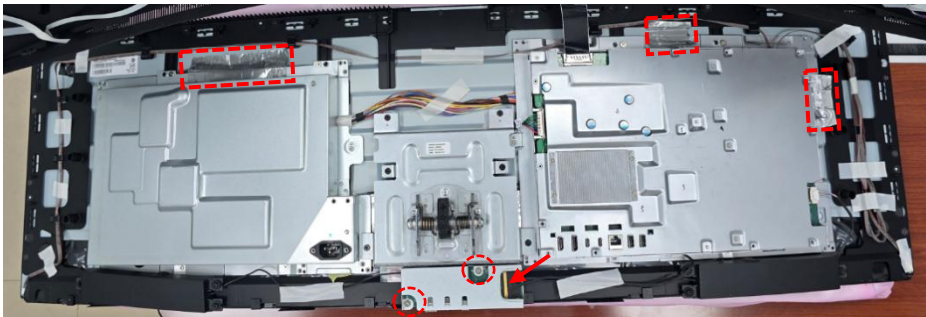
2. Appropriate tools

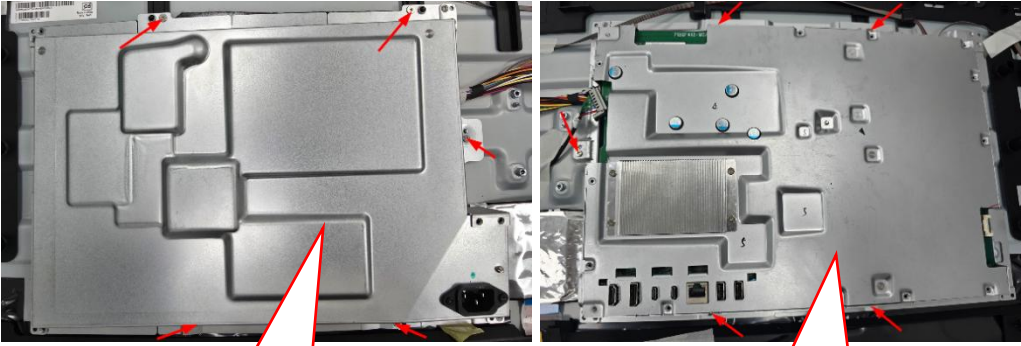
Select the appropriate tools for disassembly and re-assembly.

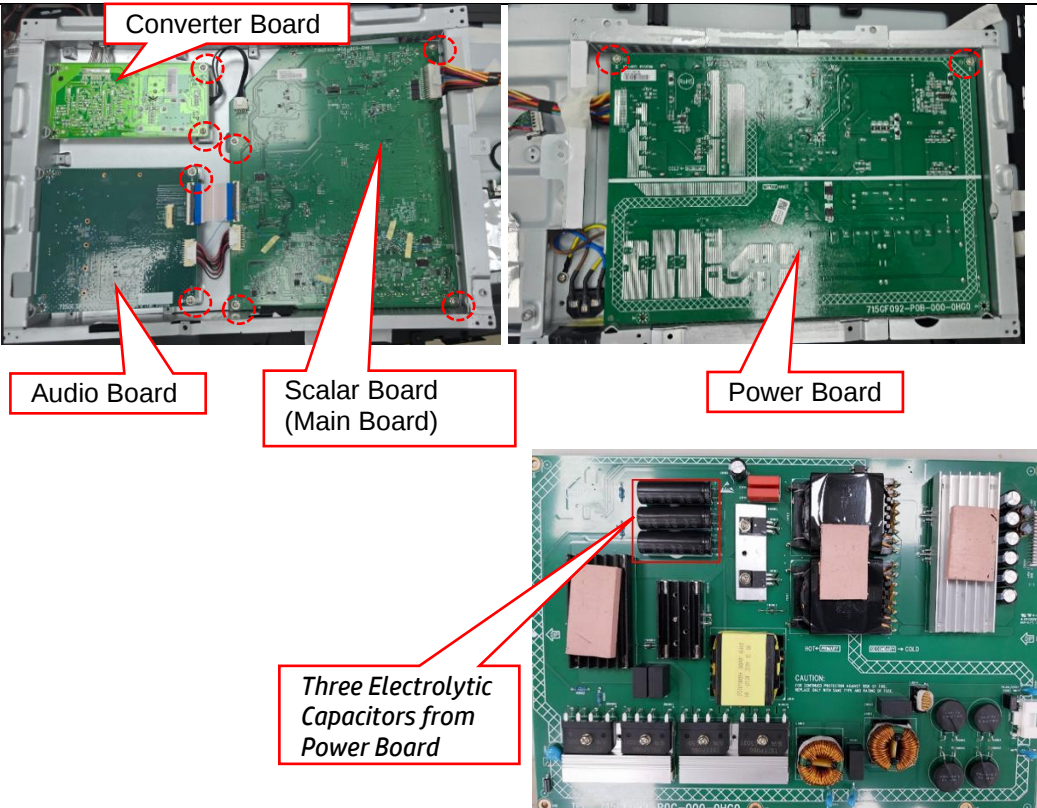
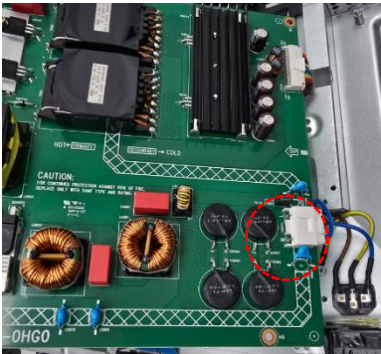
Screwdriver RUBICON NO-107 NO.2		
Screwdriver RUBICON NO-101 NO.0#		

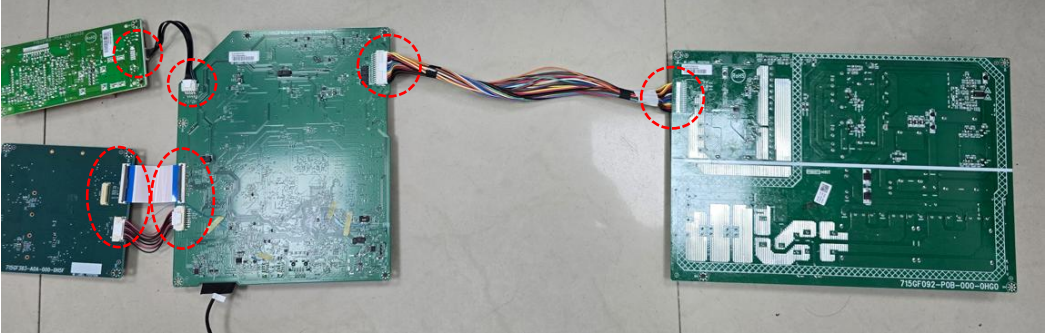
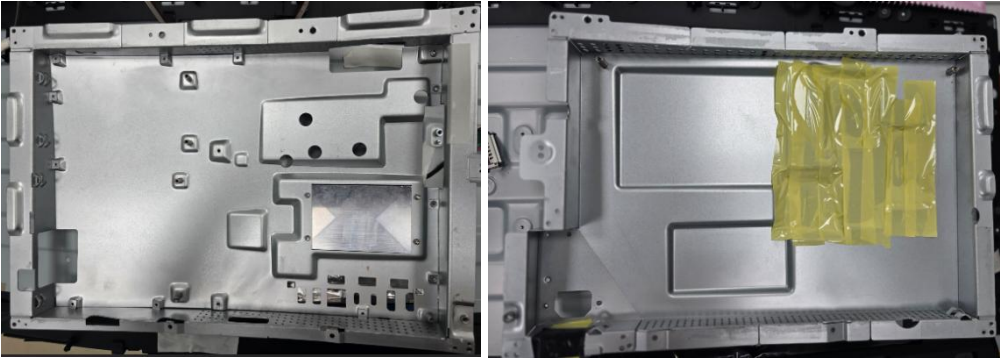
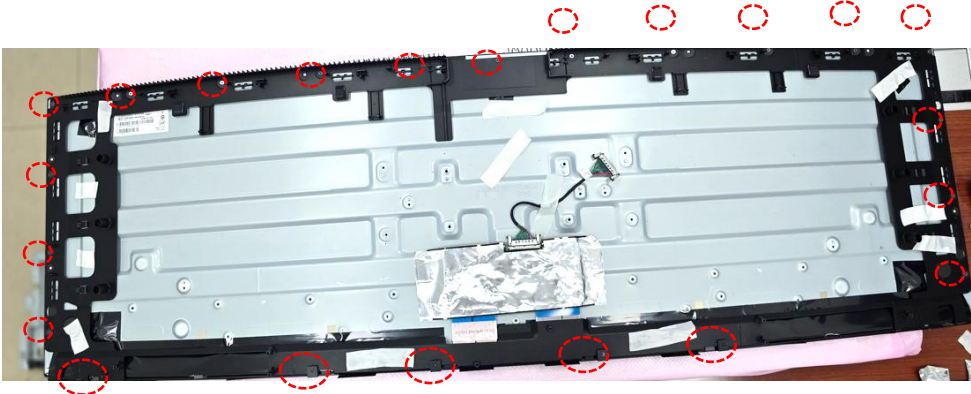
Step	Figure		Description
Preparation			Lay the monitor on a flat, soft and clean surface.
Remove the Stand-base Ass'y			Press the button to remove the stand-base ass'y

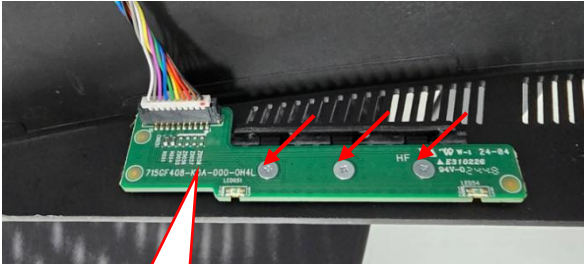
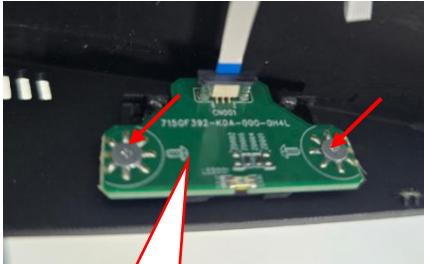
Open the rear cover		Use disassembly tool to open all the latches along the edge of the rear cover.
Remove the pivot cover		Use disassembly tool to open the pivot cover

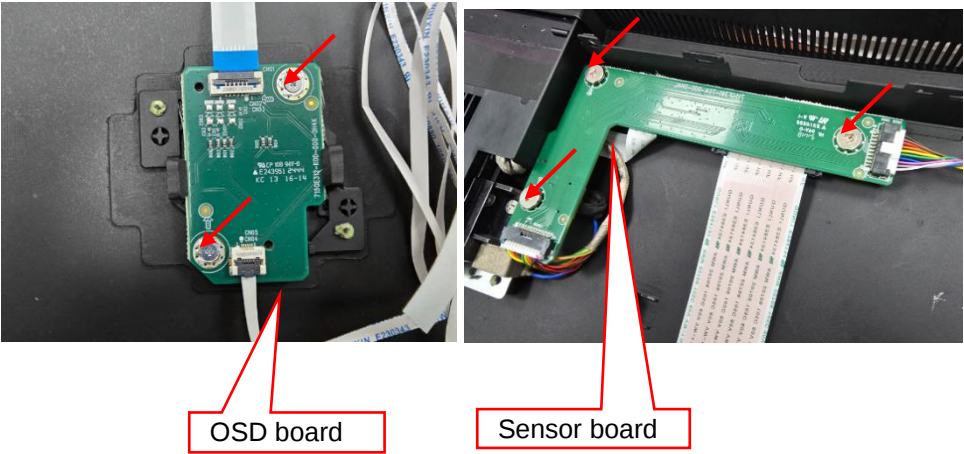
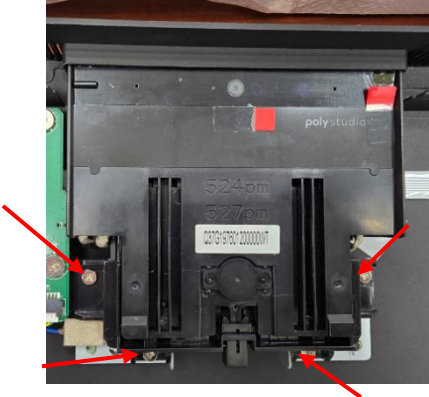
Remove the rear cover		Lift the rear cover. Disconnect the connector, and remove screws of Hinge. Unplug the backlight cables
Tear off the tapes		Tear off the tapes and remove USB BKT,USB PCB, disconnect the pin carefully.

Remove the Power and Scalar mainframe	 Power mainframe Scalar mainframe	Use screwdriver to release all screws power and Scalar mainframe.
Remove the Mylar	 Power Mylar Scalar Mylar	Remove the Power and Scalar Mylar

Remove the Scalar board, power board, converter board and audio board.	 Converter Board Audio Board Scalar Board (Main Board) Power Board Three Electrolytic Capacitors from Power Board	Use screwdriver to release all screws to remove the Scalar board, Power board, converter board and audio board
Unplug cables		Unplug the AC inlet cable on the Power board.
Remove the AC inlet		Use screwdriver to release the ground cable and the screws of AC inlet

Unplug Cables		Unplug cables between Scalar and Power board. Unplug cables between converter/audio board and Scalar board.
The Scalar and Power Main frame		
Unscrew the screws to remove the middle frame, deco and Panel		Use screwdriver to release 5 screws to remove the deco Use screwdriver to release 17 screws to remove the middle frame and Panel

The middle frame		
The panel		
Remove the PW key & UCC key board	 PW key UCC board	Use screwdriver to release screws and remove PW key & UCC key board

Remove OSD Key board & Snesor Board	 OSD board Sensor board	Use screwdriver to release screws and remove OSD key board.
Remove the Webcam Module		Use screwdriver to release 4 screws and remove Webcam module.