



Product End-of-Life Disassembly Instructions

Product Category: All-in-One

Marketing Name / Model
[List multiple models if applicable.]

HSC-I009-27

HP EliteStudio 8 All-in-One G1i 27 inch Desktop AI PC

HP EliteStudio 8 AIO G1i 27

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*2 ☒ Wireless WAN module (WWAN) PCB ☐ Touch module PCB ☒ Power supply PCB ☒ External Keyboard (KB) ☒ External Mouse ☒ Others: <u>OSD Board, Scalar board, Bottom IO board, KVM board, DDR*2, Power Board, GPU board</u>	15
Batteries, excluding Li-Ion batteries. This includes standard alkaline, coin or button style batteries	☒ RTC/CMOS battery ☐ Others: _____	1
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

Item Description	Components and parts requiring selective treatments	Quantity of items included in product
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm. Includes background illuminated displays with gas discharge lamps	☒ Panel LCD	1
Cathode Ray Tubes (CRT)		0
Capacitors / condensers (Containing PCB/PCT)		0
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height	☐ Power Supply capacitor(s) or condenser(s)	0
External electrical cables and cords	☒ AC power cord ☐ Audio, video or data cables ☐ Other: _____	1
Gas Discharge Lamps		0
Plastics containing Brominated Flame Retardants (not including external electrical cables and cords, PCBs or PCAs already listed as a separate item above)		0
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.		0
Components and waste containing asbestos		0
Components, parts and materials containing refractory ceramic fibers		0
Components, parts and materials containing radioactive substances		0
Components containing chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC) or hydrofluorocarbons (HFC), hydrocarbons (HC)		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	T8, T15

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. Follow steps described in disassembly instruction & operation name in 3.2 section.

EL-MF877-00
Template Revision **D**

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last updated May-2022

2. If parts can be removed without using a tool, remove it first.
3. Use correct screwdriver and torque value before unlocking the screw.

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 \(hp.com\)](https://www.hp.com/go/end-of-life)

MANUFACTURING PROCESS INSTRUCTIONS

MECHANICAL ASSEMBLY

Sub-assembly name:	Disassemble SOP		
Document No.:	Disassemble SOP		
Written by:	Li. Gong-xun	Revision:	1.00
Date:	2025/4/2	Page:	1 of 21

A.Current station version list:

Station	Version	Station	Version	Station	Version	Station	Version	Station	Version	Station	Version
1	1.00	11	1.00	21	1.00						
2	1.00	12	1.00								
3	1.00	13	1.00								
4	1.00	14	1.00								
5	1.00	15	1.00								
6	1.00	16	1.00								
7	1.00	17	1.00								
8	1.00	18	1.00								
9	1.00	19	1.00								
10	1.00	20	1.00								

B.Version Modify list:

Date	Station	Content	Ver.	Design
2025/4/2	ALL	The first edition of disassembly SOP	1.**	Li.Gong-xun



Standard Operation Procedure

Document No. : Disassemble SOP

Station : 1(1/1)

Operation Name : Disassemble Stand

Ver. : 0.10 Edit date : 2025/03/31

Step :

1. Push the button
2. Disassemble the Stand



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

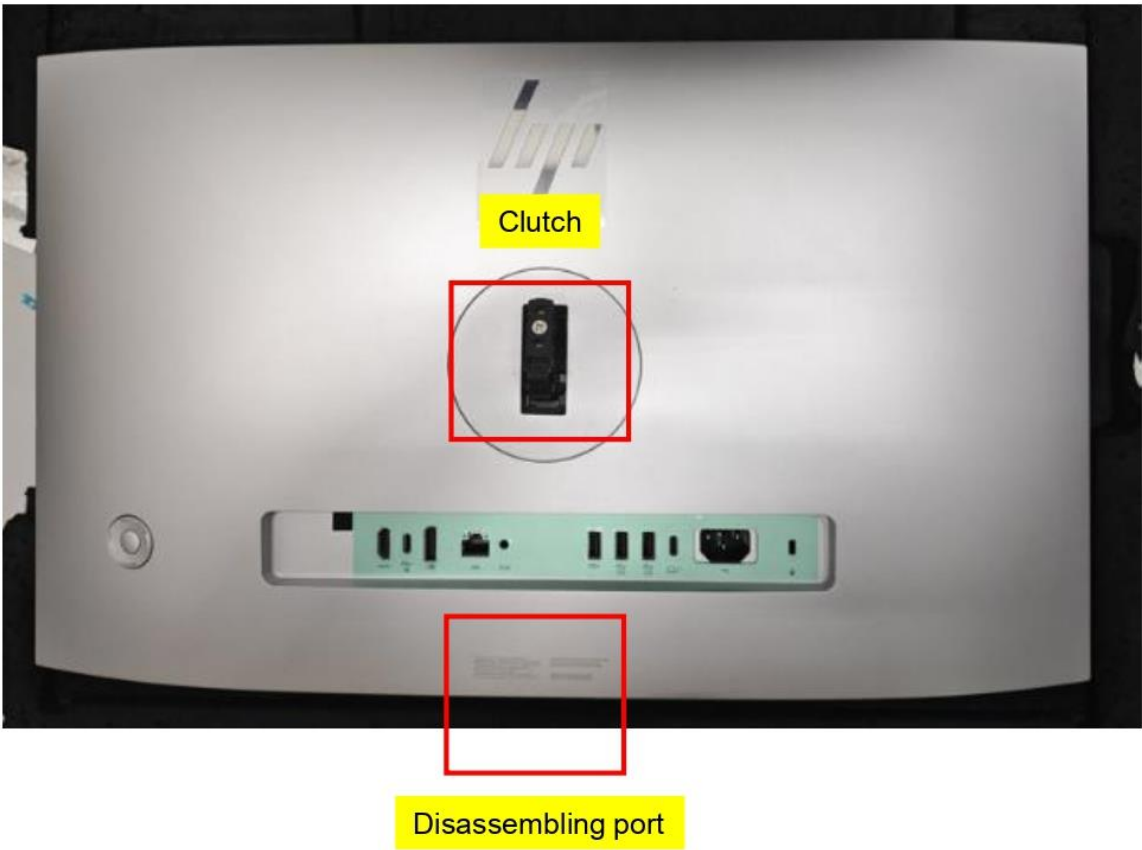
Station : 2(1/2)

Operation Name : Disassemble Rear Cover

Ver. : 0.10 Edit date : 2025/03/31

Step :

- 1. Press and hold Clutch with your left hand, then remove the back cover from the middle position on the ground with your right hand and open it up to 90 degrees



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

Station : 2(2/2)

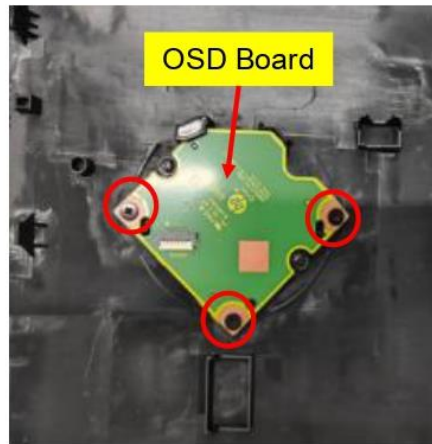
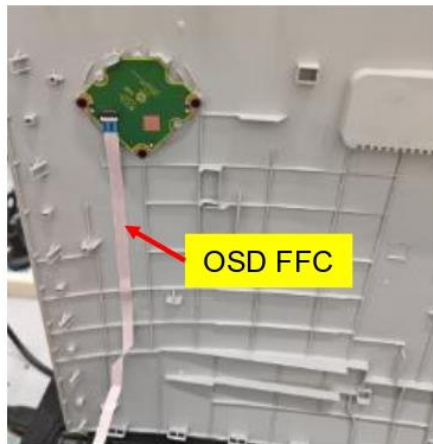
Operation Name : Disassemble Rear cover

Ver. : 0.10 Edit date : 2025/03/31

Step :

1. Remove the OSD FFC from the OSDBoard
2. Remove the Rear Cover
3. Loosen the screws and remove the OSD Board from the Rear cover

❖ Torque value: $1.5 \pm 0.5\text{Kgf.cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
									
		Safe	Quality	Order	Fixture	Hear	Look	manual	Static



Standard Operation Procedure

Document No. : Disassemble SOP

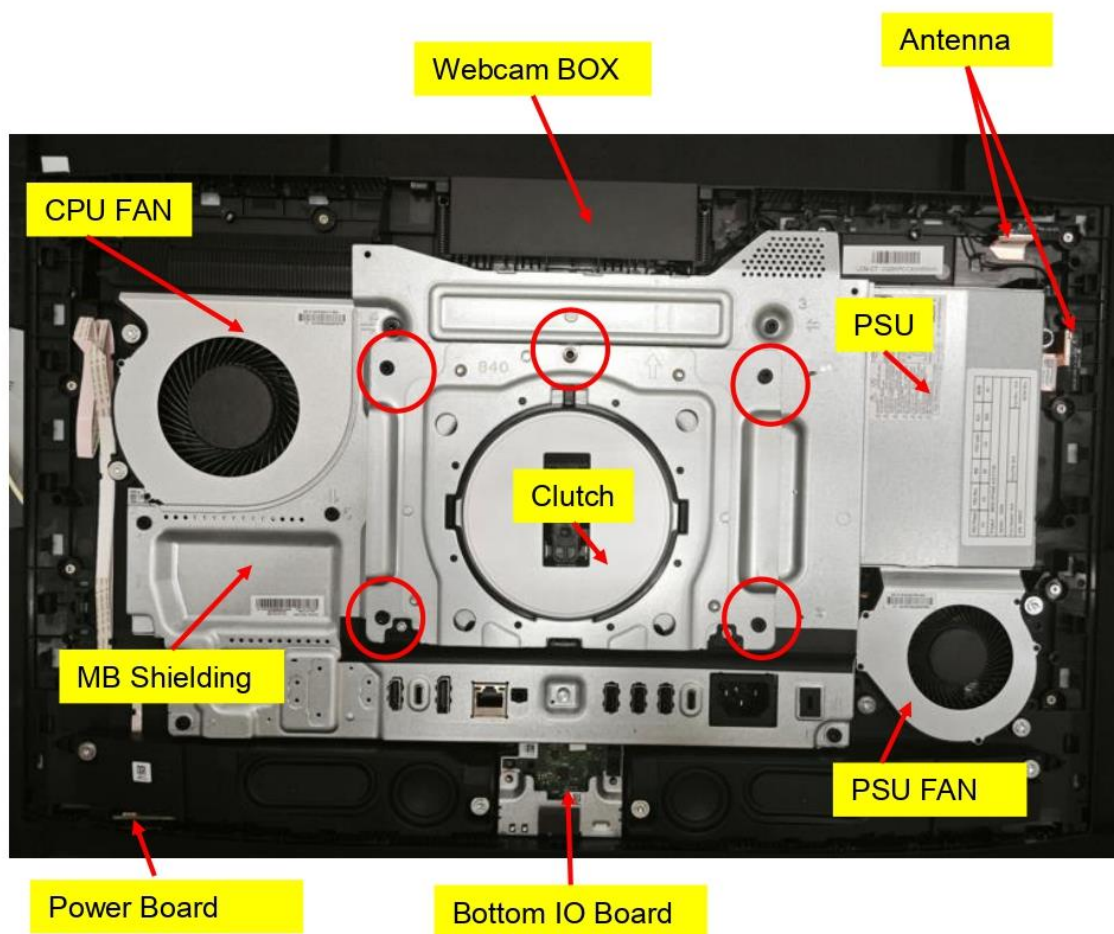
Station : 3(1/2)

Operation Name : Disassemble Clutch

Ver. : 0.10 Edit date : 2025/03/31

Step :

1. Remove the 5 screws of Clutch
 2. Remove Clutch
- ❖ Torque value : $3.5 \pm 0.5\text{Kgf} \cdot \text{cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (T15)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

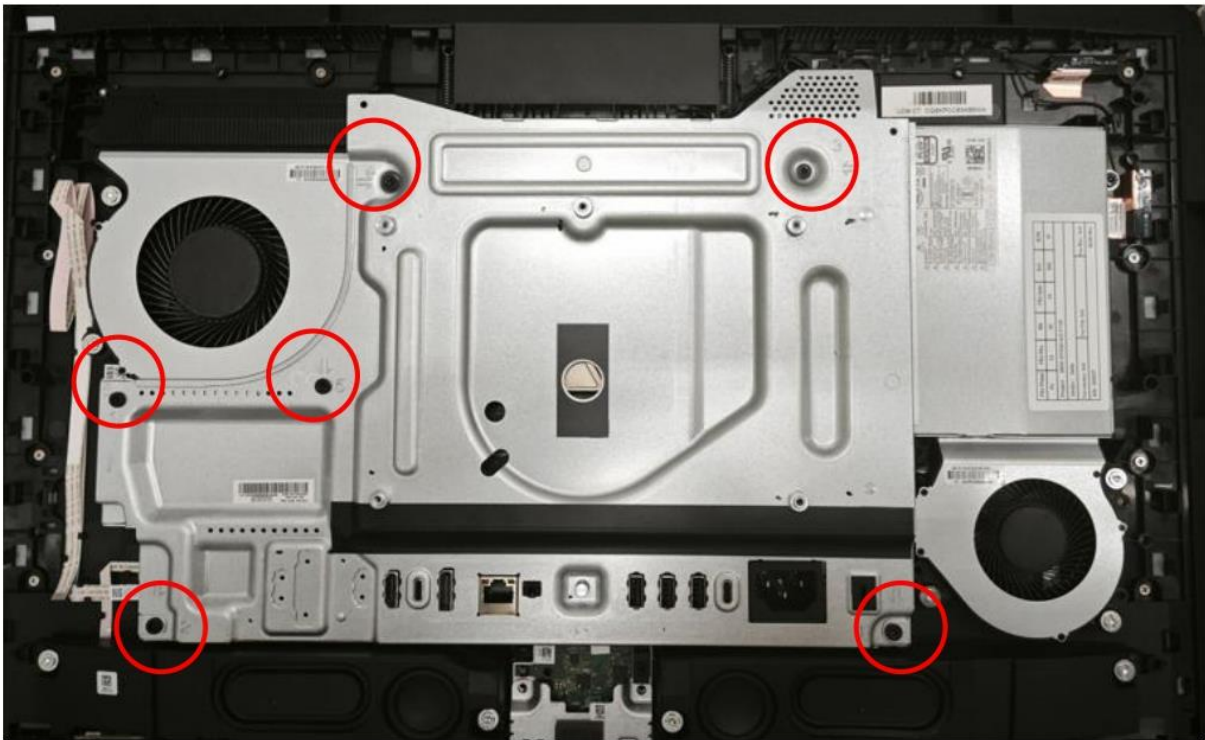
Station : 3(2/2)

Operation Name : Disassemble Shielding

Ver. : 0.10 Edit date : 2025/03/31

Step :

1. Remove the 6 screws from the shielding
 2. Remove MB Shielding
- ❖ Torque value : $3.5 \pm 0.5\text{Kgf} \cdot \text{cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (T15)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



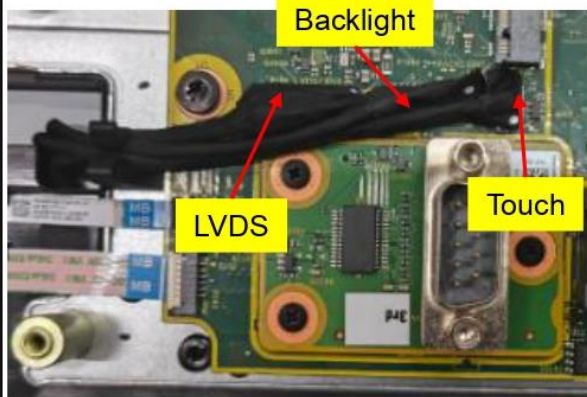
Standard Operation Procedure

Document No. : Disassemble SOP

Station : 4(1/2)

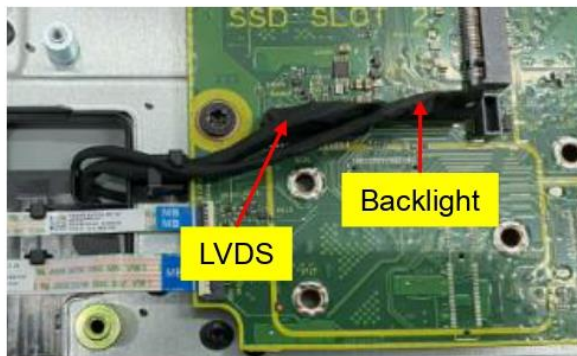
Operation Name : Disassemble cable (440/840)

Ver. : 0.10 Edit date : 2025/03/31



Step :

1. Disassemble LVDS, Backlight, and Touch cables from the MB



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

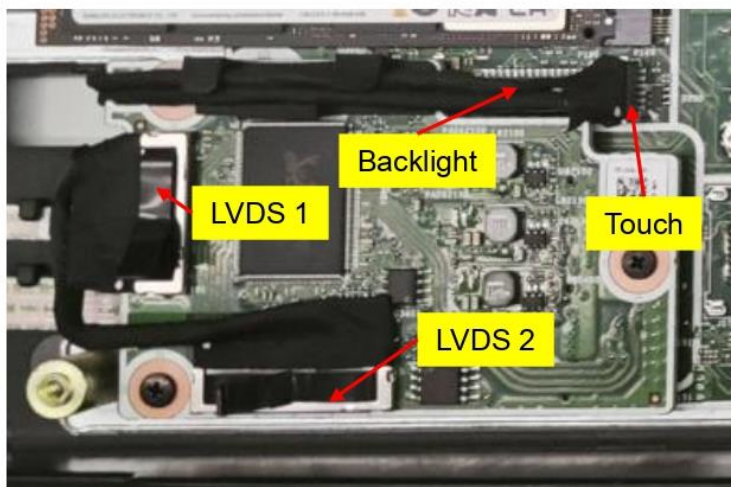
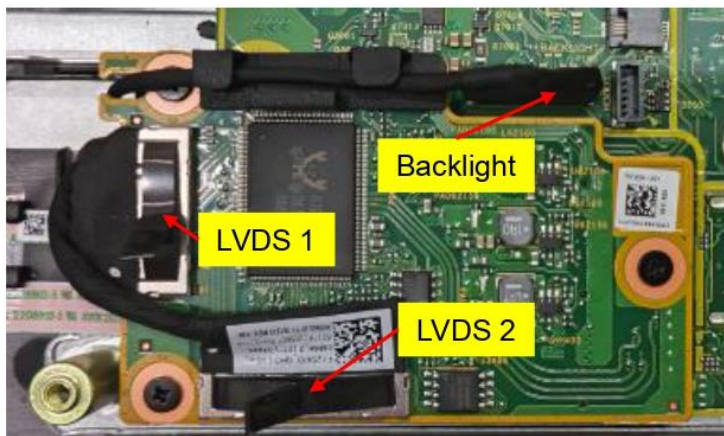
Station : 4(2/2)

Operation Name : Disassemble cable (870)

Ver. : 0.10 Edit date : 2025/03/31

Step :

1. Disassemble LVDS, Backlight, and Touch cables from the MB



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
									
		Safe	Quality	Order	Fixture	Hear	Look	manual	Static



Standard Operation Procedure

Document No. : Disassemble SOP

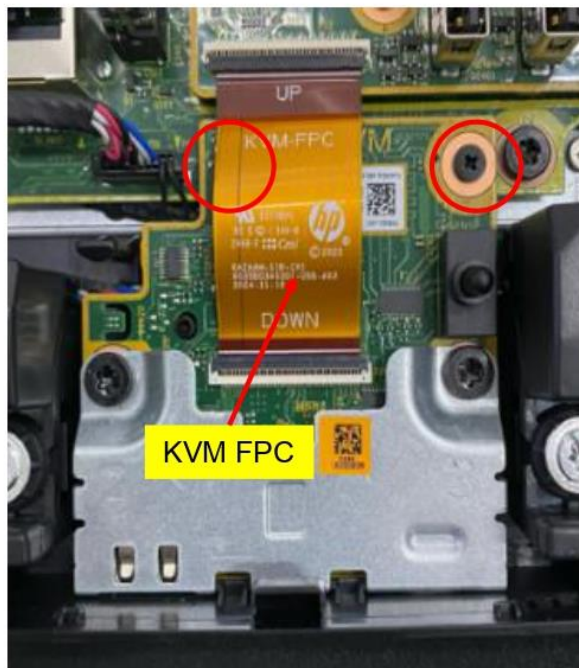
Station : 5(1/2)

Operation Name : disassemble KVM FPC

Ver. : 0.10 Edit date : 2025/03/31

Step :

1. Remove the KVM FFC
 2. Loosen the screw
- ❖ Torque value : $1.5 \pm 0.5 \text{Kgf} \cdot \text{cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol						
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual
								Sta tic

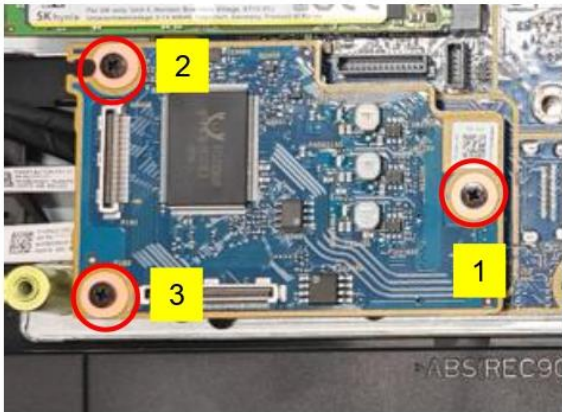


Standard Operation Procedure

Document No. : Disassemble SOP Station : 5(2/2)
Operation Name : Disassemble Option Board Ver. : 0.10 Edit date : 2025/03/31

Step :

- 1. Loosen the screw
- 2. Remove FLEX IO Board or Scalar Board
- ❖ Torque value : $1.5 \pm 0.5\text{Kgf} \cdot \text{cm}$



Scalar board

870

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (PH , #1)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

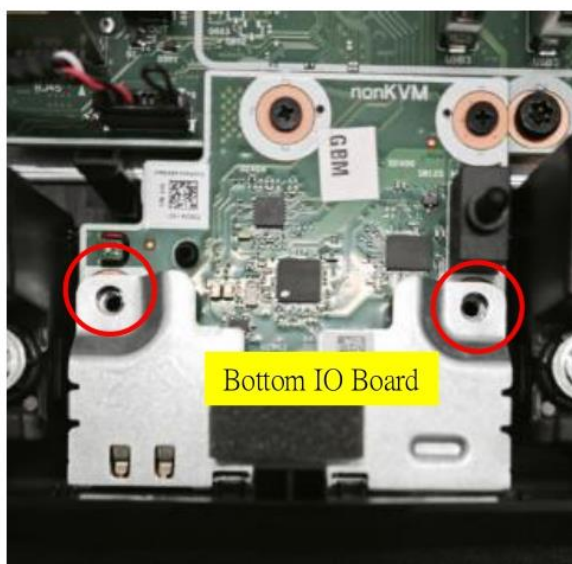
Station : 6(1/1)

Operation Name : Disassemble Bottom IO Board

Ver. : 0.10 Edit date : 2025/03/31

Step :

1. Remove the screw
 2. Remove Bottom IO Board
- ❖ Torque value : $3.5 \pm 0.5\text{Kgf} \cdot \text{cm}$



440/840/870

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (T15)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic

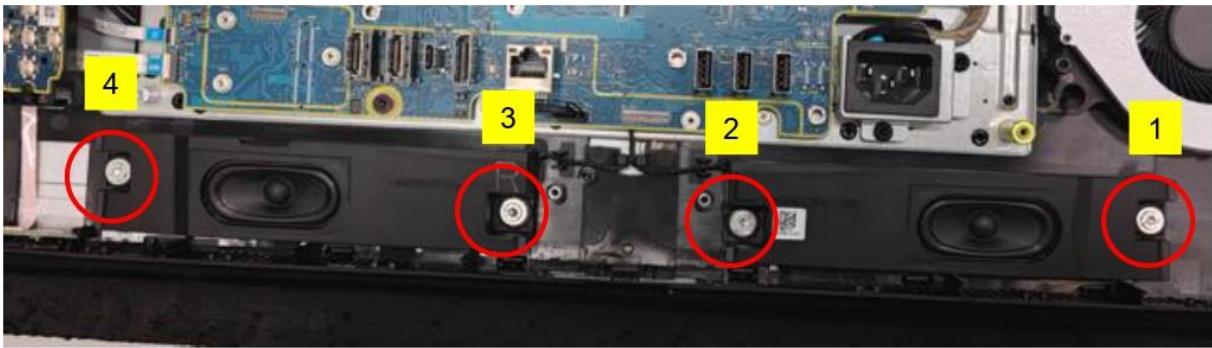


Standard Operation Procedure

Document No. : Disassemble SOP
Station : 7(1/1)
Operation Name : Disassemble Speaker
Ver. : 0.10 Edit date : 2025/03/31

Step :

- 1. Remove the screw
 - 2. Pull out the CONN and remove the speaker
- ❖ Torque value : 3.5 ± 0.5Kgf · cm



440/840/870

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (T15)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

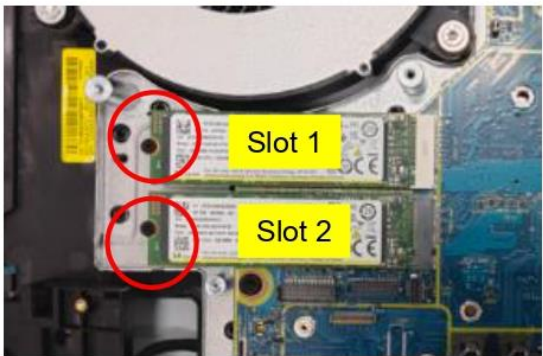
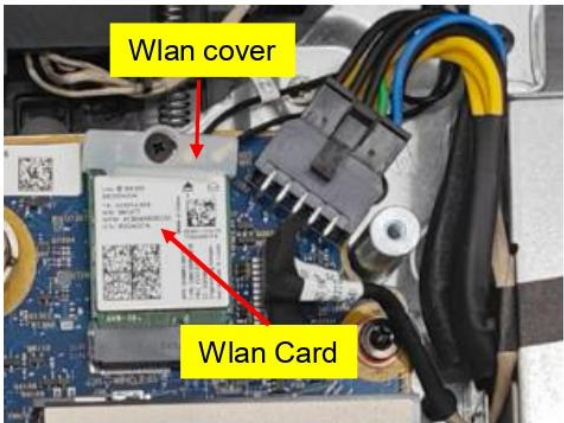
Station : 8(1/2)

Operation Name : Disassemble Wlan/SSD

Ver. : 0.10 Edit date : 2025/03/31

Step :

- 1. Remove the Wlan Cover
 - 2. Loosen the screw
 - 3. Remove the Wlan card and SSD
- ❖ Torque value : $1.5 \pm 0.5\text{Kg} \cdot \text{cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (PH , #1)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

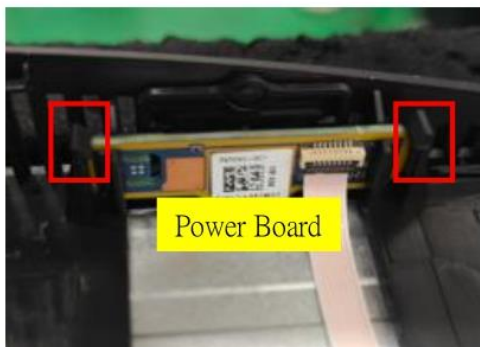
Station : 8(2/2)

Operation Name : Disassemble Power Board

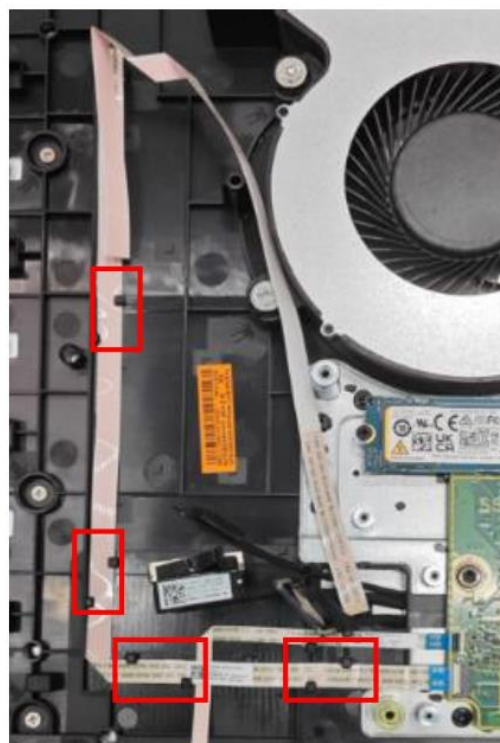
Ver. : 0.10 Edit date : 2025/03/31

Step :

1. Remove the Power FFC from the MB end
2. Remove the Power Board
3. Remove the OSD FFC from the MB end and remove the OSD FFC



Hook



440/840/870

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



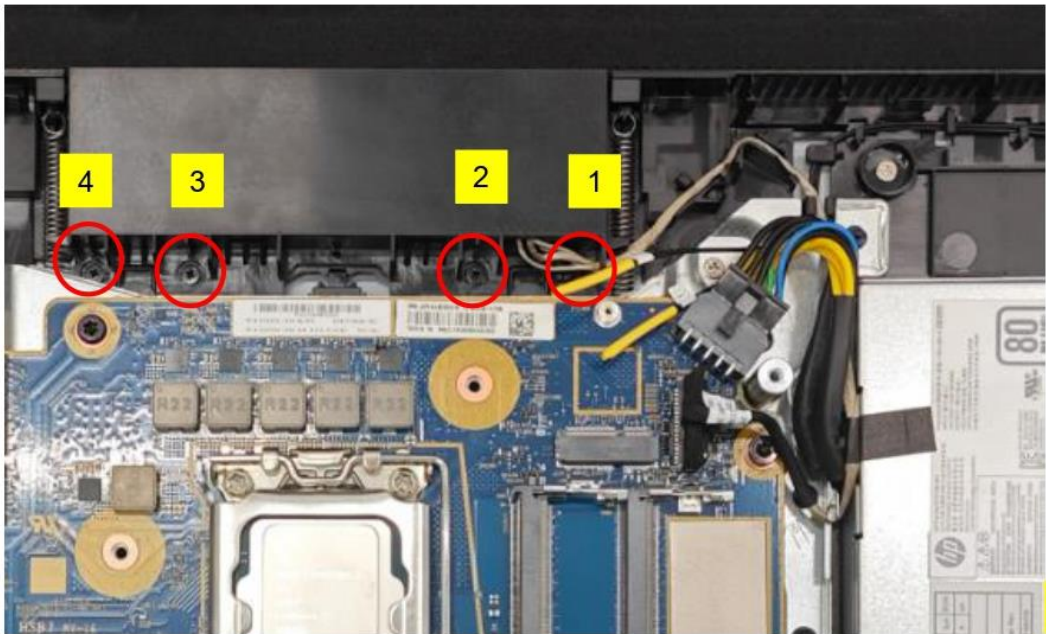
Standard Operation Procedure

Document No. : Disassemble SOP Station : 9(1/1)
Operation Name : Disassemble Webcam Module Ver. : 0.10 Edit date : 2025/03/31

For 840/870

Step :

- 1. Remove the Webcam screws
- 2. Unplug the CONN and remove the Webcam Module
- ❖ Torque value : 1.5 ± 0.5Kgf · cm



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (PH , #1)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

Station : 10(1/1)

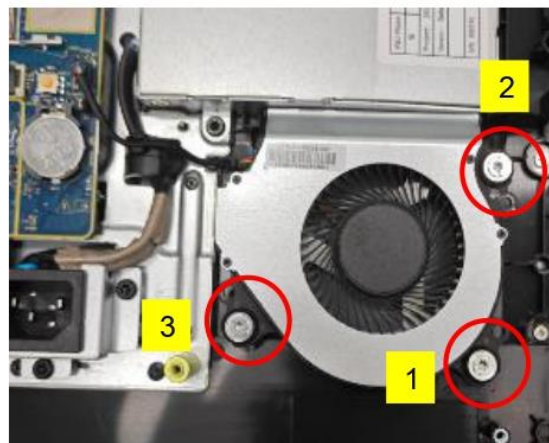
Operation Name : Disassemble PSU FAN

Ver. : 0.10 Edit date : 2025/03/31

For 840/870

Step :

1. Remove PSU FAN screws
 2. Remove PSU FAN
- ❖ Torque value : $3.5 \pm 0.5\text{Kgf} \cdot \text{cm}$



840/870

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (T15)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



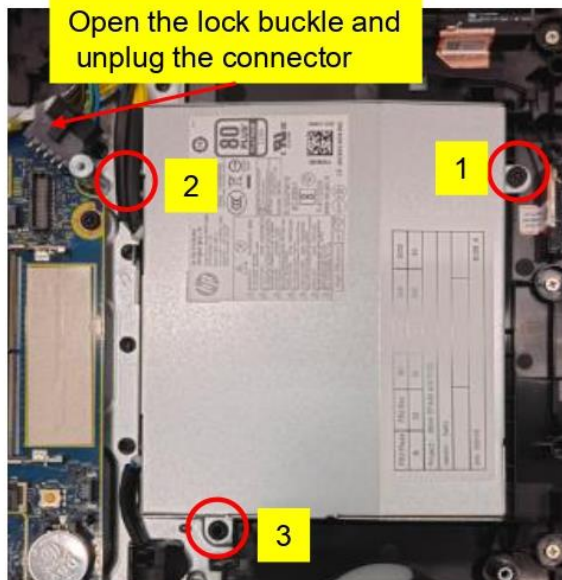
Standard Operation Procedure

Document No. : Disassemble SOP

Station : 11(1/1)

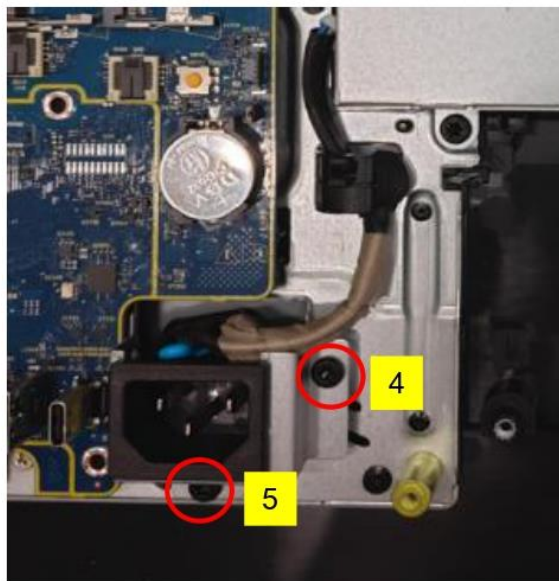
Operation Name : Disassemble PSU

Ver. : 0.10 Edit date : 2025/03/31



Step :

1. Remove the screw
 2. Pull out the CONN and remove the PSU
- ❖ Torque value : $3.5 \pm 0.5 \text{Kgf} \cdot \text{cm}$



440/840/870

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (T15)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

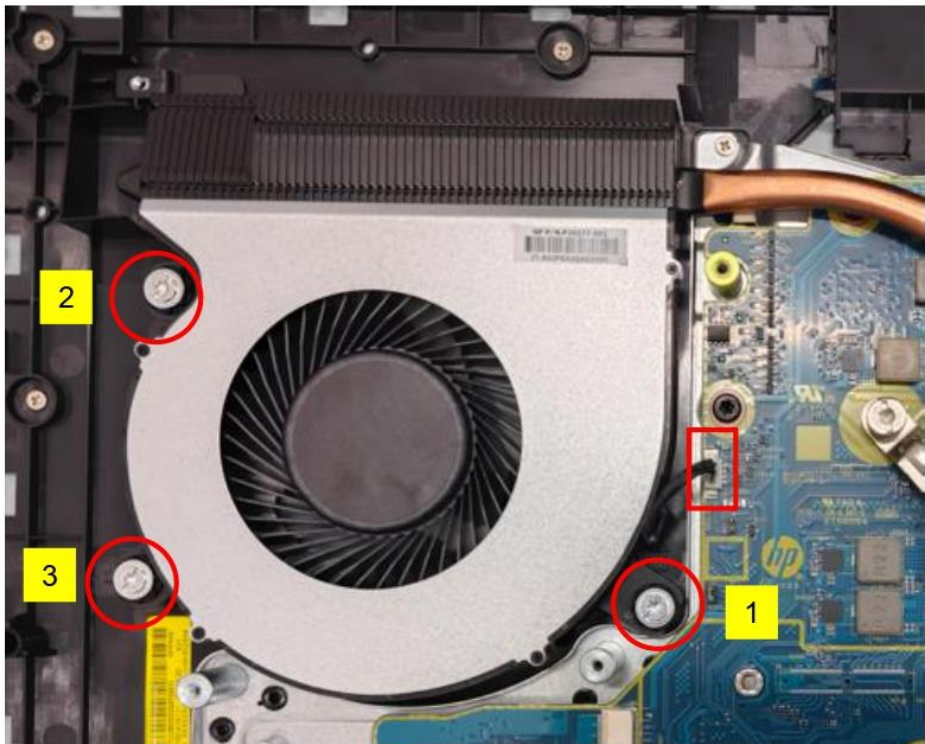
Station : 12(1/1)

Operation Name : Disassemble CPU FAN

Ver. : 0.10 Edit date : 2025/03/31

Step :

- 1. Remove the screw
- 2. Remove the CPU FAN
- ❖ Torque value : $3.5 \pm 0.5\text{Kgf} \cdot \text{cm}$



440/840/870

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (T15)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

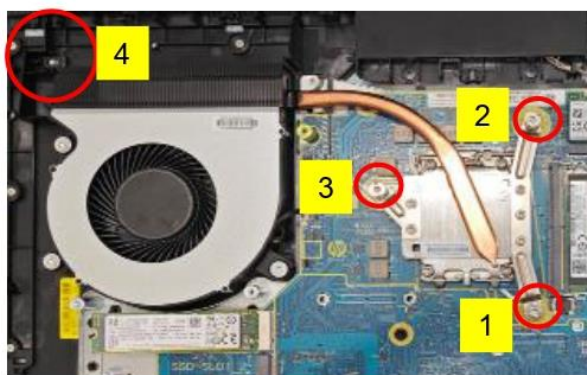
Station : 13(1/1)

Operation Name : Disassemble Thermal Module

Ver. : 0.10 Edit date : 2025/03/31

Step :

1. Remove the FIN screw
 2. Loosen the Thermal SET screws
 3. Remove Thermal
- ❖ Torque value : $5.2 \pm 0.5 \text{Kgf} \cdot \text{cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (T15)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

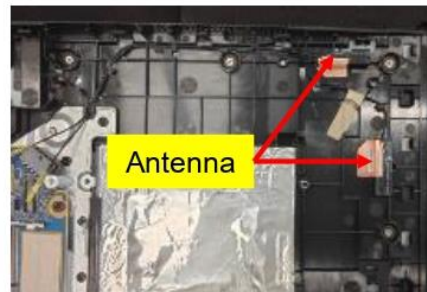
Station : 14(1/1)

Operation Name : Disassemble Antenna

Ver. : 0.10 Edit date : 2025/03/31

Step :

1. Remove the Antenna



870

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

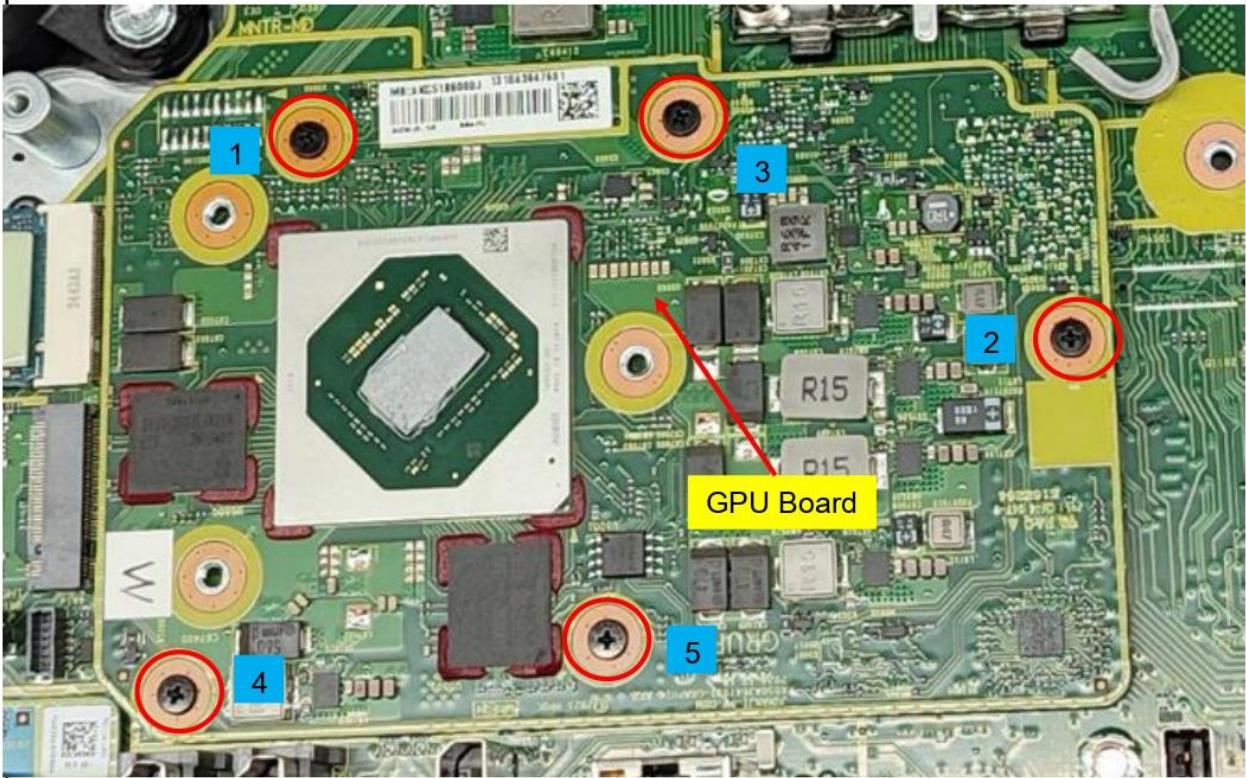
Document No. : Disassemble SOP

Station : 15(1/2)

Operation Name : Disassemble GPU Board (For GPU) Ver. : 0.10 Edit date : 2025/03/31

Step :

1. Remove the screw
 2. Remove the GPU Board
- ❖ Torque value : $1.5 \pm 0.5\text{Kgf} \cdot \text{cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (PH , #1)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

Station : 15(2/2)

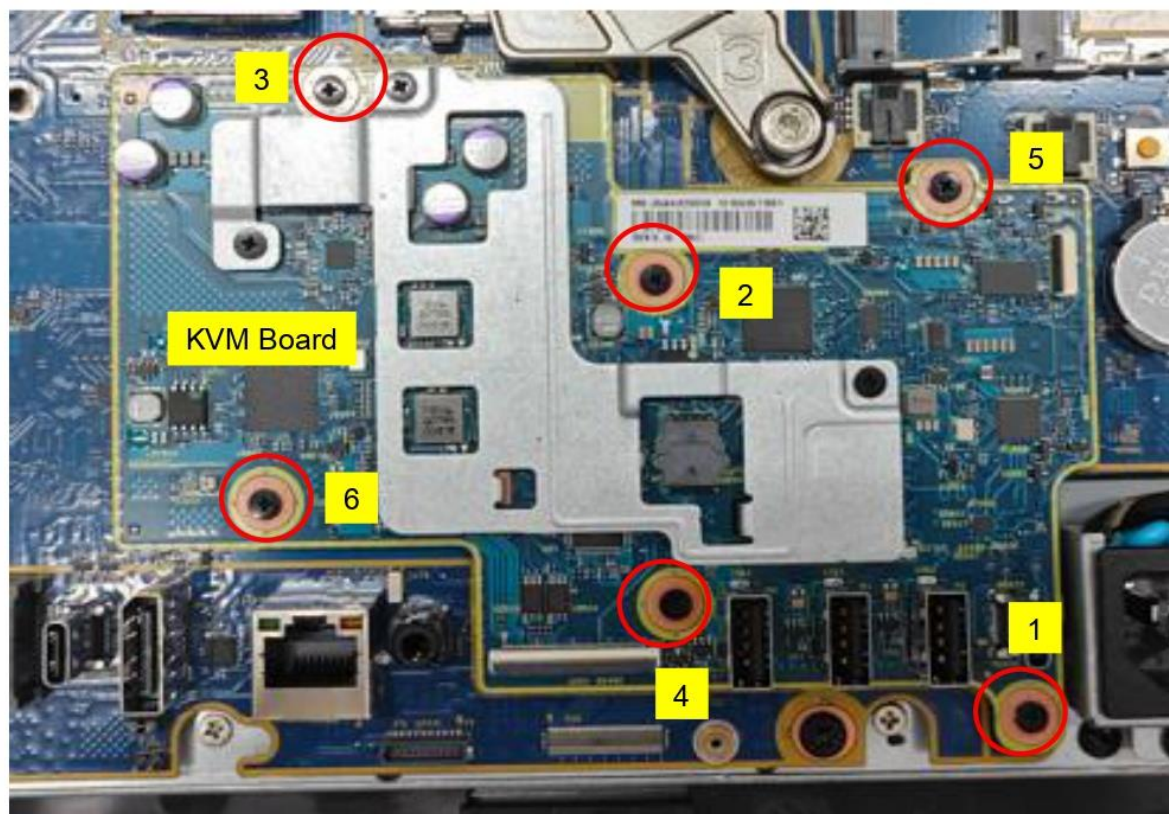
Operation Name : Disassemble KVM Board to MB

Ver. : 0.10

Edit date : 2025/03/31

Step :

1. Remove the screw
 2. Remove the KVM Board
- ❖ Torque value : $1.5 \pm 0.5\text{Kgf} \cdot \text{cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (PH , #1)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

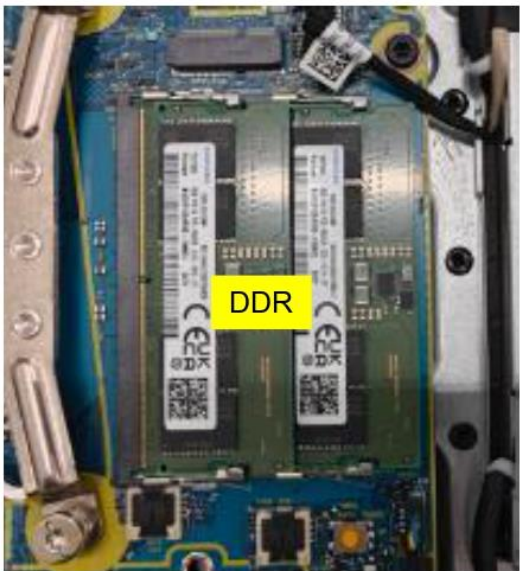
Station : 16(1/2)

Operation Name : Disassemble DDR

Ver. : 0.10 Edit date : 2025/03/31

Step :

1. Remove DDR



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

Station : 16(2/2)

Operation Name : Disassemble CPU

Ver. : 0.10 Edit date : 2025/03/31

Step :

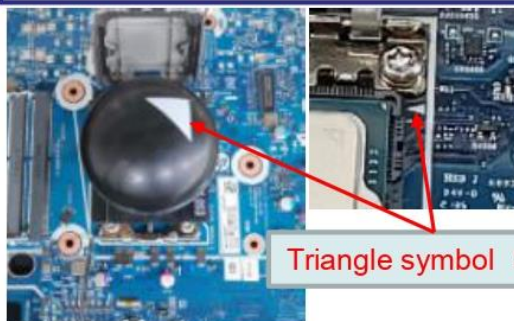
1. Open CPU Latch
2. Use a fixture to remove the CPU
3. Close Latch

Step 1: Open the Latch



Step 2:

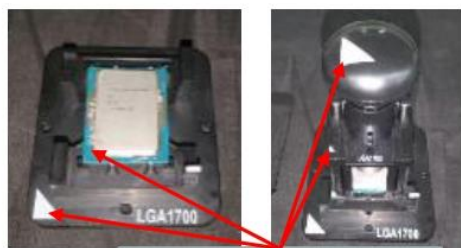
1. Align the CPU with the MB CONN, press down on the fixture head, and clamp the CPU with the fixture clamp
2. Fixture, MB (△ on the same side)



Triangle symbol : △

Step 3:

- A. Place the CPU into the fixture base
- B. Press the head of the fixture
- C. Remove CPU



Triangle symbol : △

Step 4:

Close the Latch



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
CPU assembly fixture	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

Station : 17(1/1)

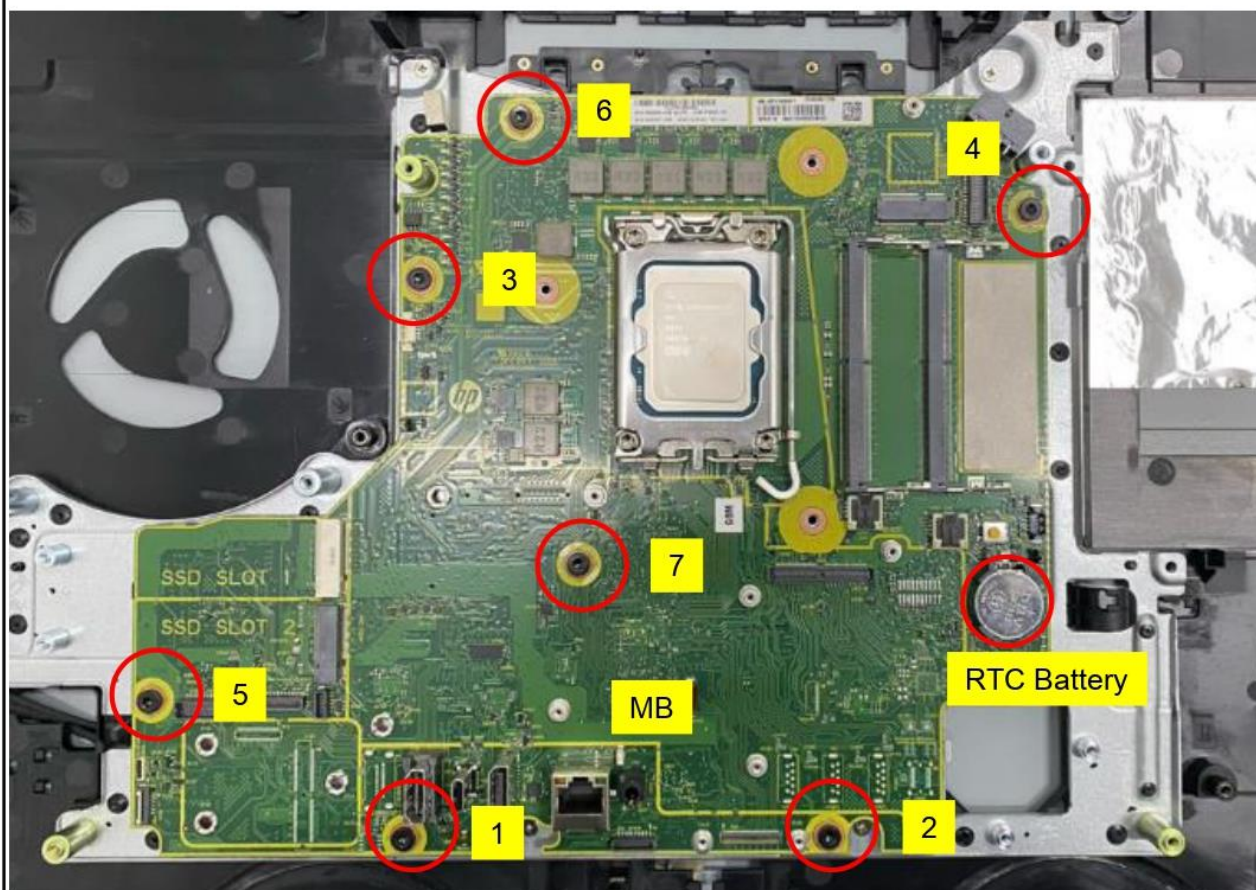
Operation Name : Disassemble RTC Battery & MB

Ver. : 0.10 Edit date : 2025/03/31

Step :

1. Remove the screw
2. Remove RTC Battery
3. Remove MB

❖ Torque value : $3.5 \pm 0.5\text{Kgf} \cdot \text{cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (T15)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

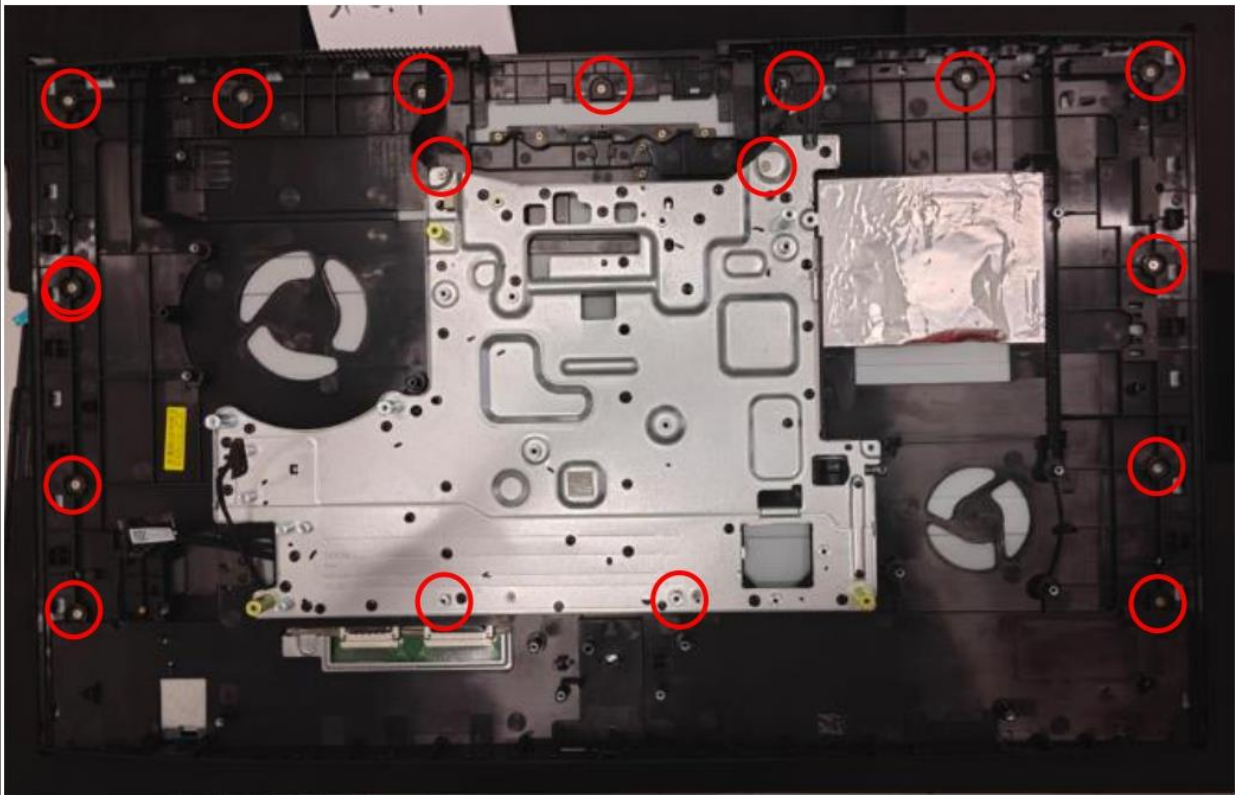
Station : 18(1/1)

Operation Name : Remove the lamp screws

Ver. : 0.10 Edit date : 2025/03/31

Step :

- 1. Remove the screws
❖ Torque value : $2.5 \pm 0.5\text{Kgf} \cdot \text{cm}$



870

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (PH , #1)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

Station : 19(1/1)

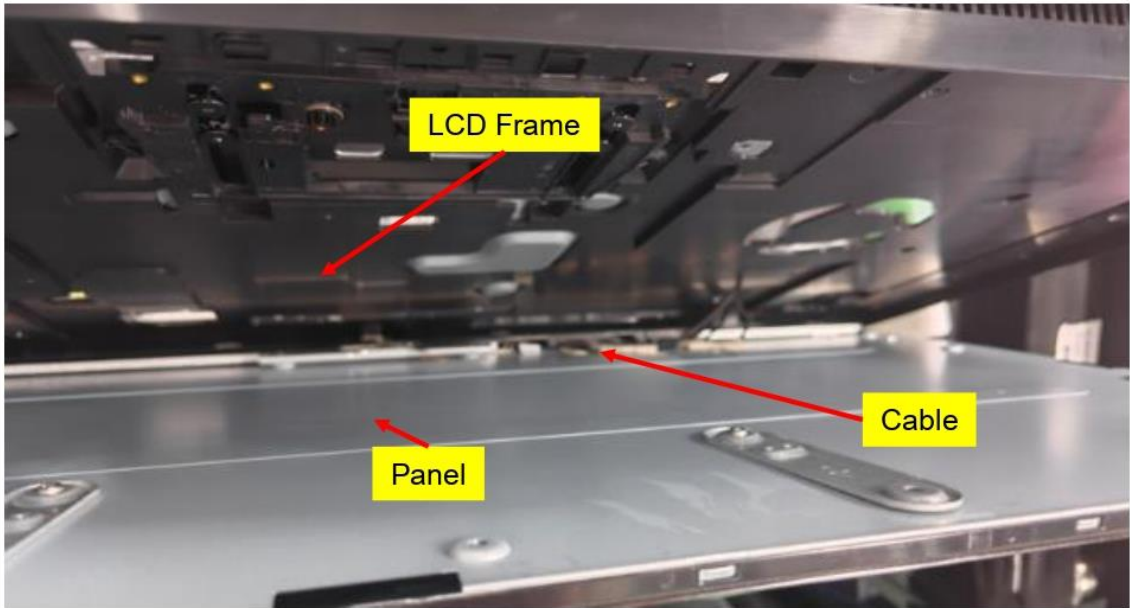
Operation Name : Disassemble panel

Ver. : 0.10 Edit date : 2025/03/31

Step :

1. Remove the lamp tube from the middle frame

First, separate the sky side, and then pull it out from bottom



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

Station : 20(1/1)

Operation Name : Disassemble Bracket and Cable

Ver. : 0.10 Edit date : 2025/03/31

Step :

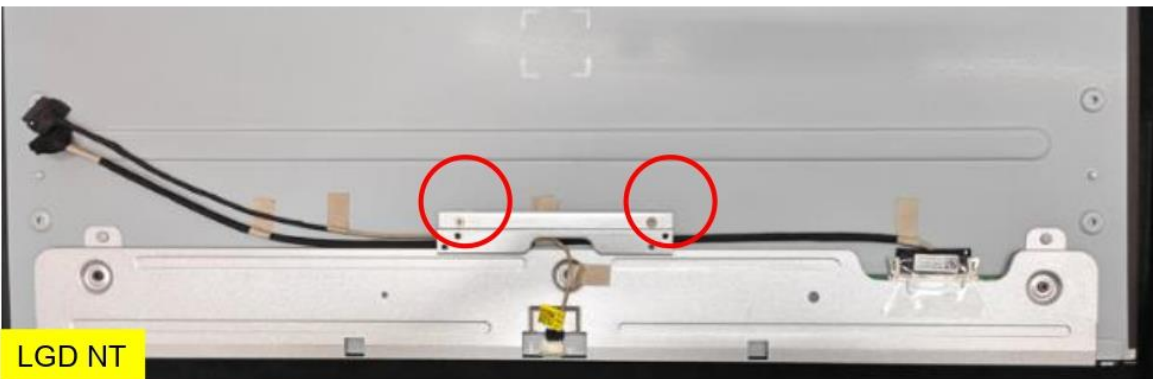
440/840

1. Remove the screws
2. Remove the iron component
3. Remove the light pipeline, backlight cable, and touch screen cable

❖ Torque value : $2.5 \pm 0.5\text{Kgf} \cdot \text{cm}$



INX T



LGD NT

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver (PH , #1)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

Station : 21(1/2)

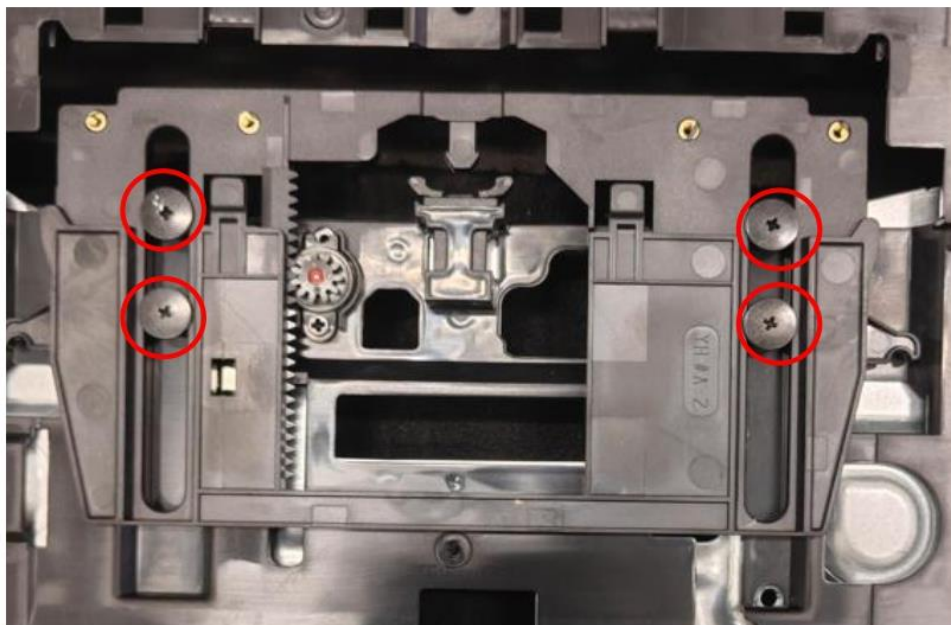
Operation Name : Disassemble Webcam TRAY

Ver. : 0.10 Edit date : 2025/03/31

Step :

For 840/870

1. Remove the screw
 2. Remove the spring and Webcam tray
- ❖ Torque value : $1.5 \pm 0.5\text{Kgf} \cdot \text{cm}$



For 840/870

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol						
Screw driver(PH , #1)	1							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual
								Sta tic



Standard Operation Procedure

Document No. : Disassemble SOP

Station : 21(2/2)

Operation Name : Disassemble Webcam Dumper

Ver. : 0.10 Edit date : 2025/03/31

For 840/870

Step :

1. Remove the screw
 2. Remove the Webcam Dumper
- ❖ Torque value : $1.5 \pm 0.5\text{Kgf} \cdot \text{cm}$



For 840/870

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver(PH , #1)	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic