Product End-of-Life Disassembly Instructions

Product Category: Workstations
Marketing Name / Model [List multiple models if applicable.]
HP Z2 Mini G1a Workstation
HP Z2 Mini G1a Workstation Desktop PC
FCW-2402A

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 * 2pcs ☒ Wireless LAN module (WLAN) PCB ☐ Touch module PCB ☒ Power supply PCB ☒ External Keyboard (KB) ☒ External Mouse ☒ Others: Flex I/O * 2 pcs	9
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
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm. Includes background illuminated displays with gas discharge lamps	☐ Panel LCD	0

Item Description	Components and parts requiring selective treatments	Quantity of items included in product
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
Screwdriver	T10
Screwdriver	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 (detail see 3.2 Optional Graphic)
2. If parts can be removed without using a tool, remove it first
3. Use correct screwdriver and torque value before unlock the screw

NOTE - For disassembly instructions of the external power supply (EPS), external keyboard (KB) external mouse and external cables and cords, refer to the links below:

- Generic External Power Supply (EPS)
- **Generic** Keyboard
- **Generic** Mouse
- **Generic** cables and cords

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)

MANUFACTURING PROCESS INSTRUCTIONS
MECHANICAL ASSEMBLY

Sub-assemblyname:	Disassemble SOP		
Written by:	Xiong.Chao	Revision:	1.00
Date:	2025/1/10	Page:	1 of 17

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	31	1.00				
2	1.00	12	1.00	22	1.00	32	1.00				
3	1.00	13	1.00	23	1.00	33	1.00				
4	1.00	14	1.00	24	1.00	34	1.00				
5	1.00	15	1.00	25	1.00	35	1.00				
6	1.00	16	1.00	26	1.00	36	1.00				
7	1.00	17	1.00	27	1.00	37	1.00				
8	1.00	18	1.00	28	1.00						
9	1.00	19	1.00	29	1.00						
10	1.00	20	1.00	30	1.00						

B.Version Modify list:

Date	Sta.	Content	Ver.	Design
2025/1/10	ALL	First production	1.**	Xiong.Chao

审核： Zhao.neil 编制： Zhao.neil

Standard operation guideline

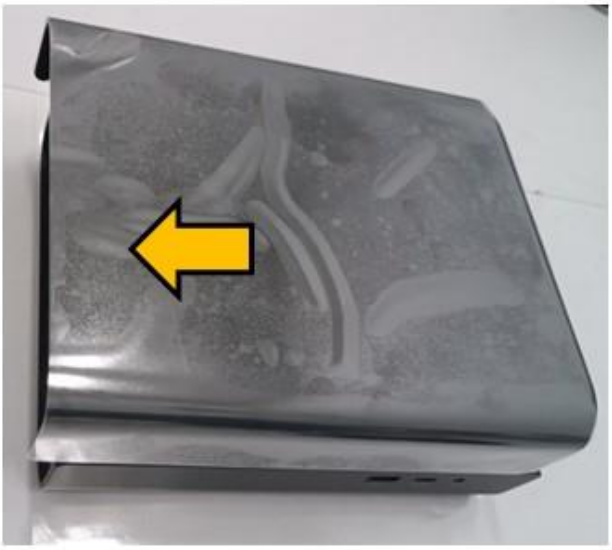
Sub-assembly name: disassemble SOP Station: 1(1/1)

Operation name : disassemble Top cover Ver.: 1.00 Date : 2025/1/10

Step :

1. Disassemble the Top cover(PIC —)





1.Push the latch

PIC —

Notice : If have exception , please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark
		Safe / quality / Older / Tool / listen / Look / Hand / Static

Standard operation guideline

Sub-assembly name: disassemble SOP Station: 2(1/1)

Operation name : disassemble CPU FAN Ver.: 1.00 Date : 2025/1/10

Step :

1. Disassemble CPU fan screw (PIC 一)
2. Pull out CPU fan connector(PIC 二)

◆ Torsion：1.5 ± 0.2 kgf · cm



Pic 一



Pic 二

Notice：If have exception，please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark							
		Safe	quality	Older	Tool	listen	Look	Hand	Static

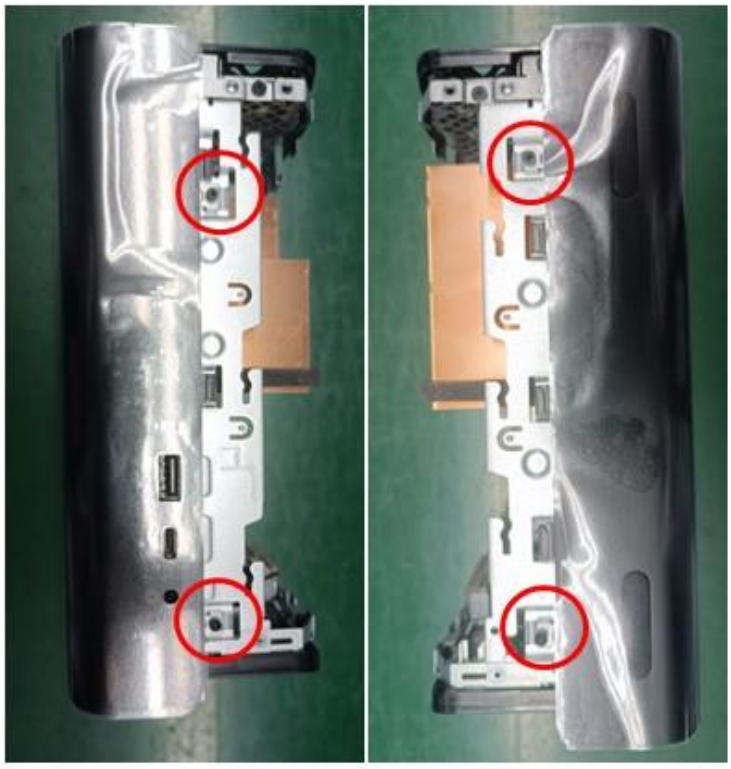
Standard operation guideline

Sub-assembly name: disassemble SOP Station: 3(1/1)

Operation name : disassemble bottom cover Ver.: 1.00 Date : 2025/1/10

Step :

1. Disassemble set screw *4 (PIC 一)
   - ◆ Torsion : 1.5 ± 0.2 kgf · cm
2. Disassemble bottom cover (PIC 二)



Pic 一



Pic 二

Notice : If have exception , please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark
Electric screw drive (#1)	1	Safe / quality / Older / Tool / listen / Look / Hand / Static

Standard operation guideline

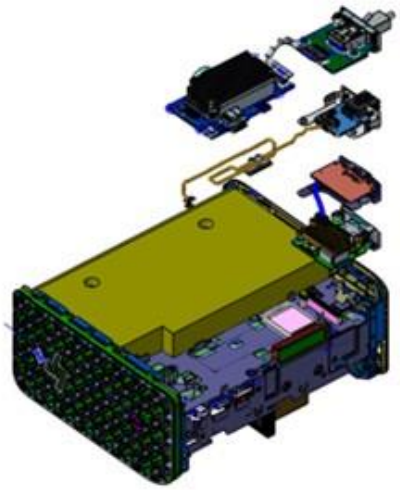
Sub-assembly name: disassemble SOP Station: 4(1/1)

Operation name : disassemble 2ND Flex I/O Ver.: 1.00 Date : 2025/1/10

Step :

1. Disassemble screw *2，Remove Flex I/O （PIC —）
   - Torsion：1.5±0.2 kgf · cm





Pic —

Notice：If have exception，please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark
Electric screw drive (#1)	1	Safe / quality / Older / Tool / listen / Look / Hand / Static

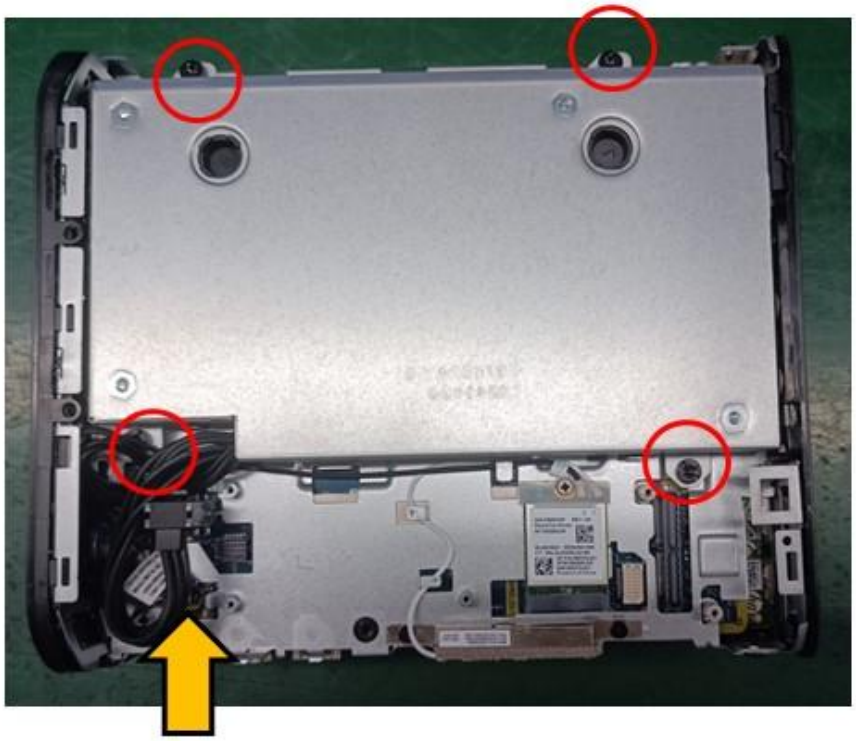
Standard operation guideline

Sub-assembly name: disassemble SOP Station: 5(1/1)

Operation name : disassemble PSU Ver.: 1.00 Date : 2025/1/10

Step :

1. Pull out PSU connector(PIC —)
2. Disassemble PSU screw *4 , remove PSU(PIC —)
   - Torsion : 1.5 ± 0.2 kgf · cm



Pic —

Notice : If have exception , please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark
Electric screw drive (#1)	1	Safe / quality / Older / Tool / listen / Look / Hand / Static

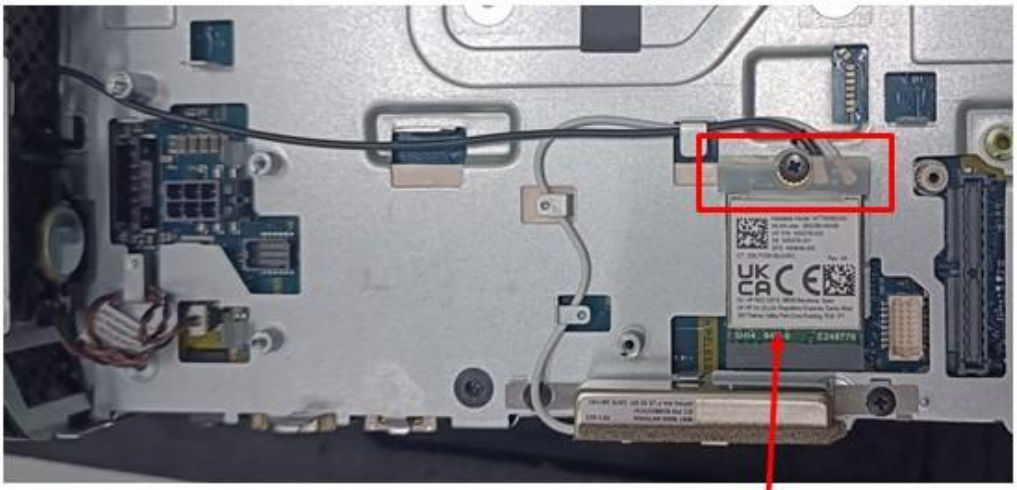
Standard operation guideline

Sub-assembly name: disassemble SOP Station: 6(1/1)

Operation name : disassemble WLAN Card Ver.: 1.00 Date : 2025/1/10

Step :

1. Disassemble WLAN Card CAP & screw M2.0*2.0(6052B0537101)*1 (PIC—)
   - ❖ Torsion : 1.5±0.2kg/cm
2. Remove WLAN card(PIC二)



PIC—

Notice : If have exception，please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark
Electric screw drive (#1)	1	Safe / quality / Older / Tool / listen / Look / Hand / Static

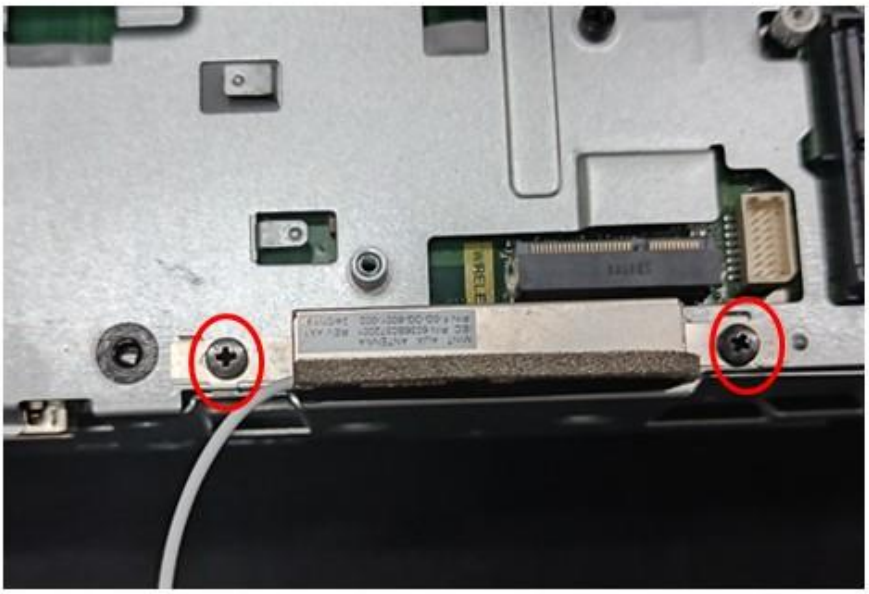
Standard operation guideline

Sub-assembly name: disassemble SOP Station: 7(1/1)

Operation name : disassemble Side ANTENNA Ver.: 1.00 Date : 2025/1/10

Step :

1. Disassemble ANTENNA screw*2，remove ANTENNA (PIC —)
   - ◆ Torsion：1.5 ± 0.2 kgf · cm



PIC —

Notice：If have exception，please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark
Electric screw drive (#1)	1	Safe / quality / Older / Tool / listen / Look / Hand / Static

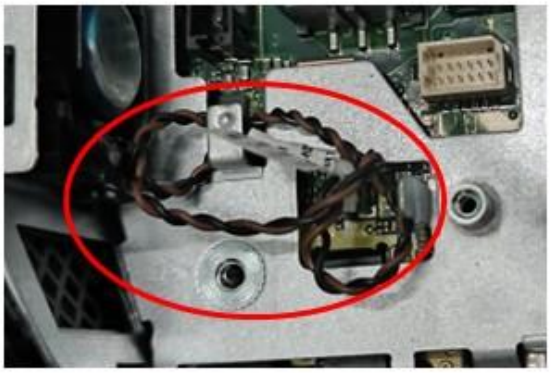
Standard operation guideline

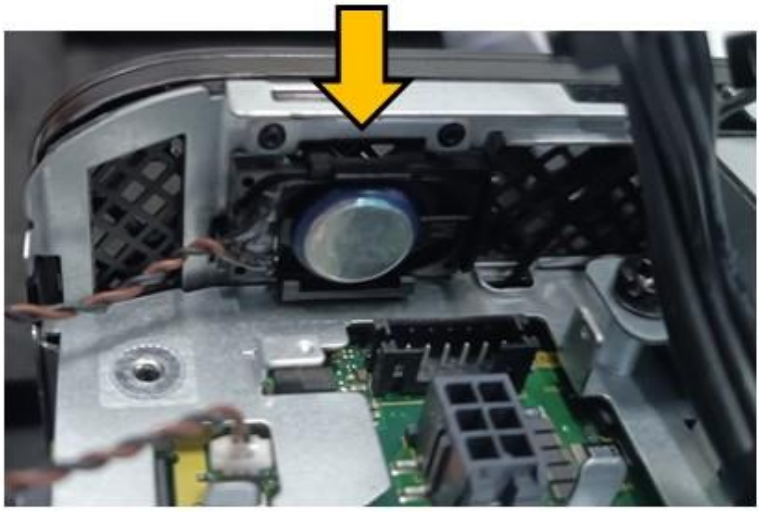
Sub-assembly name: disassemble SOP Station: 8(1/1)

Operation name : disassemble speaker Ver.: 1.00 Date : 2025/1/10

Step :

1. Pull out speaker connector
2. Disassemble speaker





Notice : If have exception , please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark							
		Safe	quality	Older	Tool	listen	Look	Hand	Static

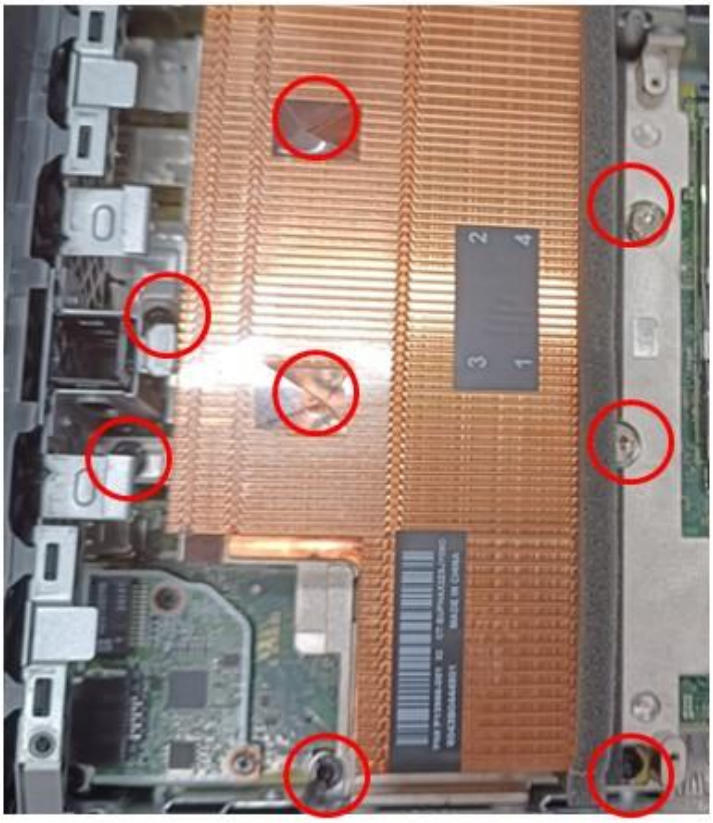
Standard operation guideline

Sub-assembly name: disassemble SOP Station: 9(1/1)

Operation name : Disassemble Thermal Ver.: 1.00 Date : 2025/1/10

Step :

1. Disassemble thermal screw *8，remove thermal
   - ◆ Torsion：2.5±0.2 kgf·cm



Notice：If have exception，please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark
Electric screw drive (T15)	1	Safe / quality / Older / Tool / listen / Look / Hand / Static

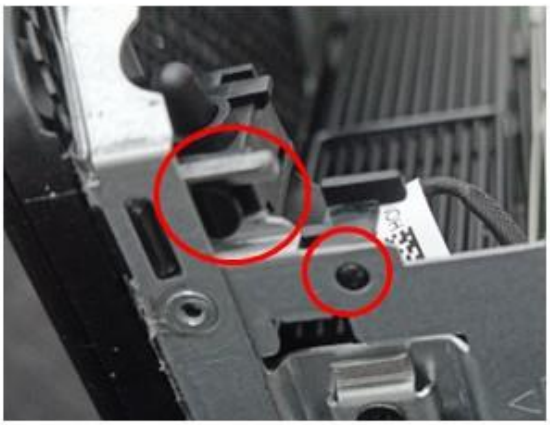
Standard operation guideline

Sub-assembly name: disassemble SOP Station: 10(1/1)

Operation name : Disassemble hood sensor Ver.: 1.00 Date : 2025/1/10

Step :

1. Disassemble hood sensor，pull out connector







Notice：If have exception，please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark							
		Safe	quality	Older	Tool	listen	Look	Hand	Static

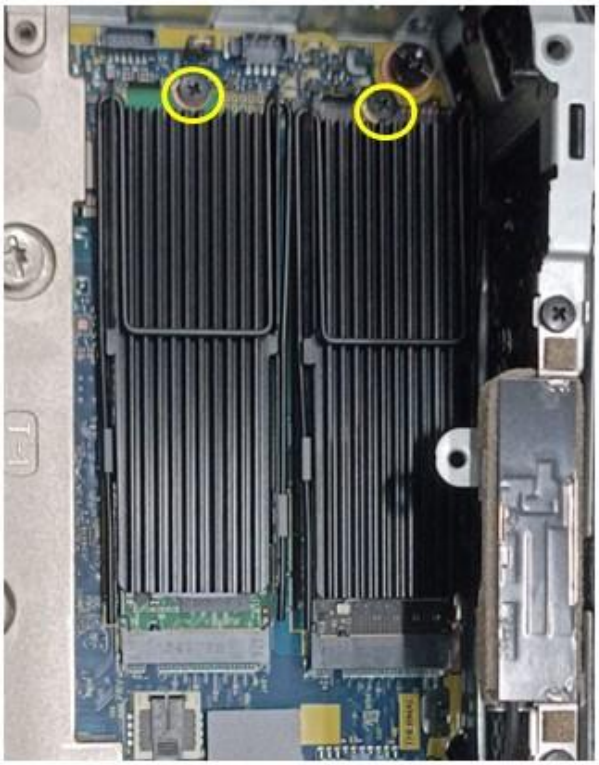
Standard operation guideline

Sub-assembly name: disassemble SOP Station: 11(1/1)

Operation name : Disassemble SSD Ver.: 1.00 Date : 2025/1/10

Step :

1. Disassemble SSD screw M2x3L(6052B0537101)*2，remove SSD
   - ◆ Torsion：1.5±0.2 kgf·cm





Notice：If have exception，please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark
Electric screw drive (#1)	1	Safe / quality / Older / Tool / listen / Look / Hand / Static

Standard operation guideline

Sub-assembly name: disassemble SOP Station: 12(1/1)

Operation name : Disassemble 1st Flex I/O Ver.: 1.00 Date : 2025/1/10

Step :

1. Disassemble screw *2， Remove Flex I/O （PIC —）
   - Torsion：1.5±0.2 kgf · cm



PIC—

Notice：If have exception，please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark
Electric screw drive (#1)	1	Safe / quality / Older / Tool / listen / Look / Hand / Static

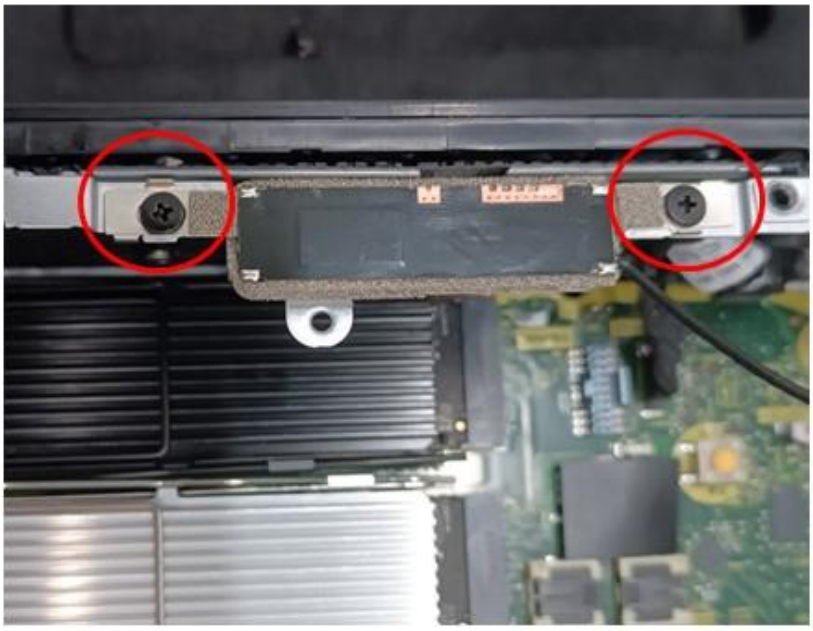
Standard operation guideline

Sub-assembly name: disassemble SOP Station: 13(1/1)

Operation name : Disassemble front ANTENNA Ver.: 1.00 Date : 2025/1/10

Step :

1. Disassemble ANTENNA screw*2，remove ANTENNA (PIC —)
   - ◆ Torsion：1.5±0.2 kgf · cm



PIC—

Notice：If have exception，please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark
Electric screw drive (#1)	1	Safe / quality / Older / Tool / listen / Look / Hand / Static

Standard operation guideline

Sub-assembly name: disassemble SOP Station: 14(1/1)

Operation name : disassemble power/B Ver.: 1.00 Date : 2025/1/10



PIC一

Step :

1. Pull out power/B connector(PIC一)
2. Disassemble power/B(PIC二)



PIC二

Notice : If have exception , please immediately notify offline handing

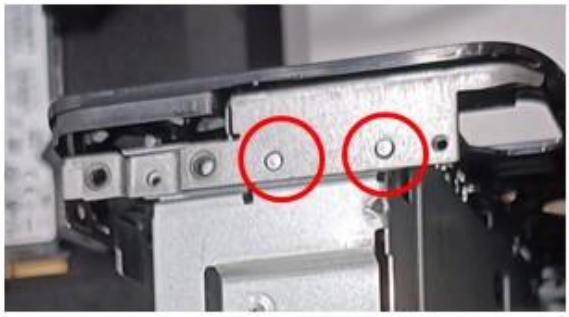
Tool list(Tool rule)	Qua	Mark							
		Safe	quality	Older	Tool	listen	Look	Hand	Static

Standard operation guideline

Sub-assembly name: disassemble SOP Station: 15(1/1)

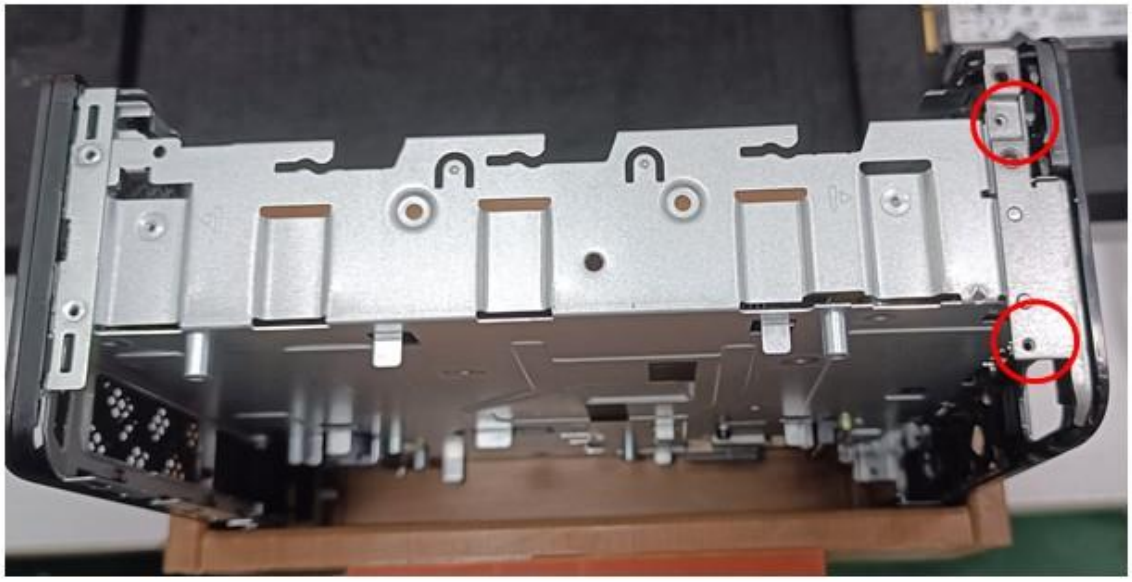
Operation name Disassemble REAR FRAME Ver.: 1.00 Date : 2025/1/10

Step :



PIC二

1. Disassemble REAR FRAME screw *4 (PIC一)
   - ❖ Torsion : 1.5±0.2kg/cm
2. Remove WLAN card(PIC二)



PIC一

Notice : If have exception , please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark
Electric screw drive (#1)	1	Safe / quality / Older / Tool / listen / Look / Hand / Static

Standard operation guideline

Sub-assembly name: disassemble SOP Station: 16(1/1)

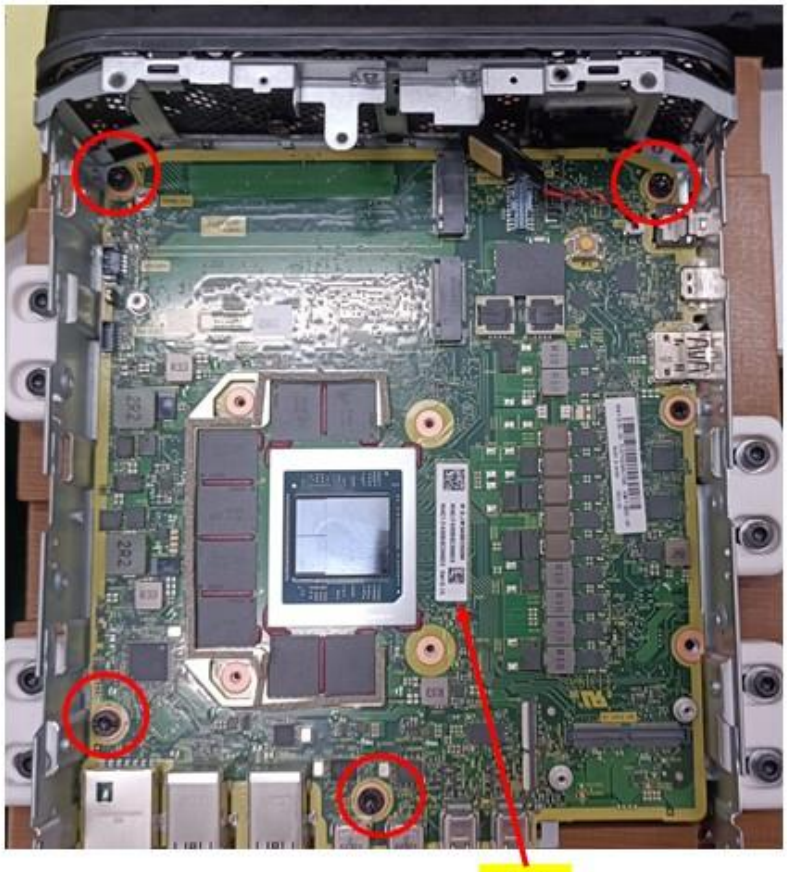
Operation name : Disassemble MB Ver.: 1.00 Date : 2025/1/10

Step :

1. Disassemble MB screw *4，remove MB(PIC—)

Torsion： 2.5±0.2 kg/cm

PIC—



Notice：If have exception，please immediately notify offline handing

Tool list(Tool rule)	Qua	Mark
Electric screw drive (T15)	1	Safe / quality / Older / Tool / listen / Look / Hand / Static

NO：3QBMDAP001-F003 version：4 level：normal：Save date：New version Scrap style：Tear up