



# Product End-of-Life Disassembly Instructions

Product Category: Networking Equipment

Marketing Name / Model

[List multiple models if applicable.]

HP 1920-8G-PoE+(180W) Switch

**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 products to remove components and materials requiring selective treatment, as defined by EU directive 2002/96/EC, Waste Electrical and Electronic Equipment (WEEE).

## 1.0 Items Requiring Selective Treatment

1.1 Items listed below are classified as requiring selective treatment.

1.2 Enter the quantity of items contained within the product which require selective treatment in the right column, as applicable.

Item Description	Notes	Quantity of items included in product
Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA)	With a surface greater than 10 sq cm	4
Batteries	All types including standard alkaline and lithium coin or button style batteries	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	0
Cathode Ray Tubes (CRT)		0
Capacitors / condensers (Containing PCB/PCT)		388
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height		9
External electrical cables and cords		0
Gas Discharge Lamps		0
Plastics containing Brominated Flame Retardants weighing > 25 grams (not including 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

## 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)
Screw driver	2#
Sleeve piece	5mm

## 3.0 Product Disassembly Process

3.1 List the basic steps that should typically be followed to remove components and materials requiring selective treatment:

1. Unscrew the screws on mounting angle 1, and then remove mounting angle 1.
2. Remove the cover 2
3. Remove all of the inner cables.
4. Unscrew the screws on PCB 3, and then remove PCB 3.
5. Unscrew the screws on PCB 5, and then remove PCB 5.
6. Unscrew the screws on PCB 4, and then remove PCB 4
7. insulate plate 7 and outlet 9
8. Remove film 6 from panel 2...
9. Remove the Electric fan 8.
10. Remove all of the labels.

3.2 Optional Graphic. If the disassembly process is complex, insert a graphic illustration below to identify the items contained in the product that require selective treatment (with descriptions and arrows identifying locations).

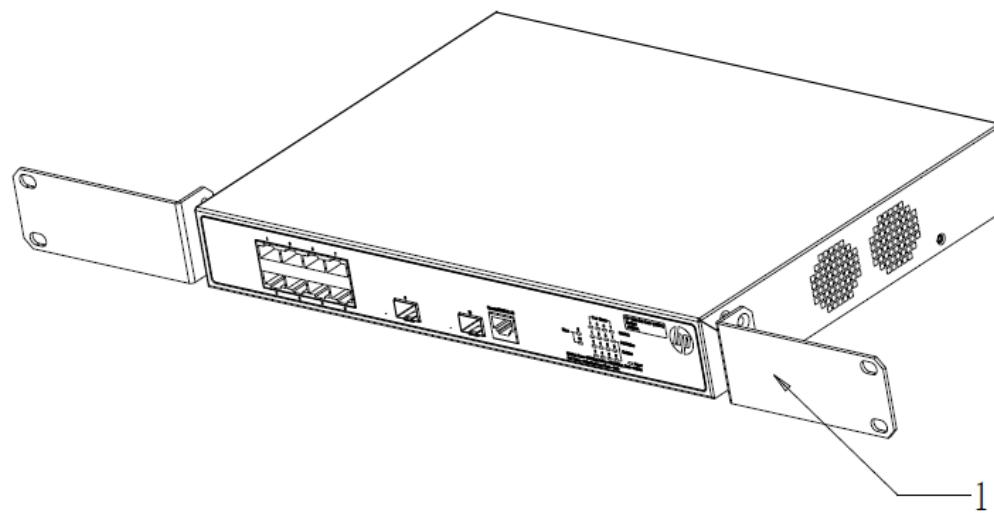


Figure1 Remove mounting angle

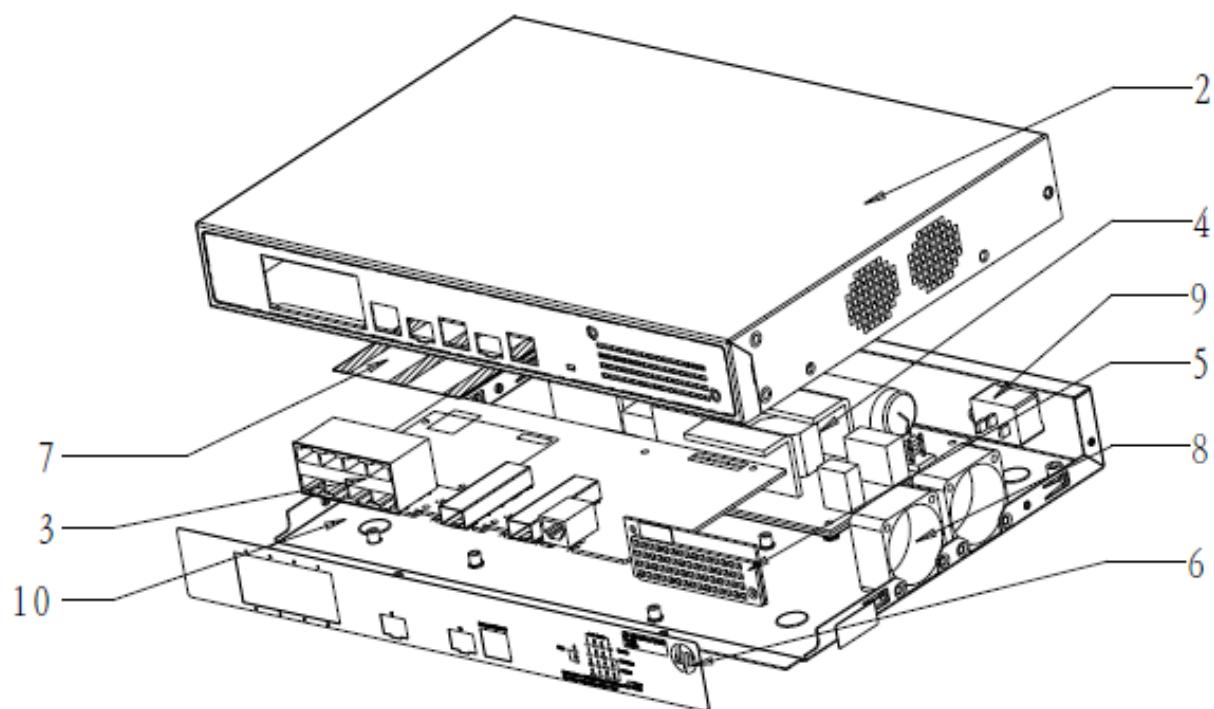


Figure2 Treatment to the product

### 3.3 Material of the facility built

Facility	Components	Material	Weight(g)	Weight percentage	Selective treatment for materials and components	Details
1.	Mount angle	Fe	86	4.0%		Fe recycling
2	Top case	Fe	640	29.5%		Fe recycling
3.	Main board	Complex PCB	252	11.6%	The surface of PCB is greater than 10 square centimeters	
4	Power PCB	Complex PCB	568	26.2%	The surface of PCB is greater than 10 square centimeters	
5	LED PCB	Complex PCB	16	0.7%	The surface of PCB is greater than 10 square centimeters	
6	Film	PC	5	0.2%	Containing brominated flame retardants	
7	Insulating panel	PC	8	0.35%	Containing brominated flame retardants	
8	Electric fan	ABS	22	1.0%	Containing brominated flame retardants	
9	AC Power jack	PA	16	0.7%	Containing brominated flame retardants	
10	Bottom case	Fe	554	25.6%		Fe recycling

### 4. Revised record

Date	Version	Author	Modify content
2014.07.31	V0	He Changlu	Initial version