



# Product End-of-Life Disassembly Instructions

**Product Category: Networking Equipment**

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

HP A-MSR20-20 Router (JF283A)

HP A-MSR20-40 Router (JF228A)

HP A-MSR30-10 Router (JF816A)

**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	9
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)		0
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height		0
External electrical cables and cords		2
Gas Discharge Lamps		0
Plastics containing Brominated Flame Retardants weighing > 25 grams (not including PCBs or PCAs already listed as a separate item above)		3
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		0

refractory ceramic fibers		
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#

## 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. Unscrew the screws on card 2, and then remove card 2.
3. Unscrew the screws on card 3, and then remove card 3.
4. Unscrew the screws on filler panel 4, and then remove filler panel 4.
5. Unscrew the screws on panel 5, 6, and then remove panel 5, 6.
6. Unscrew the screws on guide rail 7, and then remove guide rail 7.
7. Unscrew the screws on cover 8, and then remove cover 8.
8. Remove all of the inner cables.
9. Unscrew the screws on power supply PCB 12, and then remove power supply PCB12.
10. Remove guide rail 9.
11. Unscrew the screws on PCB 11, and then remove PCB 11.
12. Unscrew the screws on PCB 14, and then remove PCB 14.
13. Remove guide lamp 15.
14. Unscrew the screws on PCB 13, and then remove PCB 13.
15. Unscrew the screws on fans 10 and then remove the fans 10.
16. Remove all of the labels.
17. Unscrew the screws on PCB 2-1, and then remove PCB 2-1.
18. Remove Insulating pad 2-3 from front panel 2-2.
19. Remove all of the shielding finger 2-4.
20. Unscrew the screws on PCB 3-5, and then remove PCB 3-5.
21. Unscrew the screws and remove bracket 3-2, pulled handle 3-1.
22. Unscrew the screws and remove front panel 3-3 from PCB 3-6.
23. Remove all of the shielding finger 3-4.
24. Remove shielding finger 4-2 from filler panel 4-1.
25. Remove shielding finger.
26. Remove shielding finger 7-1.
27. Remove insulation pad 8-1 from cover 8-2.
28. Remove insulation pad 16-3 from base 16-2.
29. Remove film 16-9 from base plastic panel 16-8.
30. Remove film 16-7 from base plastic panel 16-8
31. Remove plastic panel 16-8 from base 16-2.
32. Remove film 16-6 from base 16-2.
33. Remove rocker switch 16-4 from base 16-2.
34. Remove power connector 16-5 from base 16-2.
35. Remove all of the conductive foam 16-1.

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).

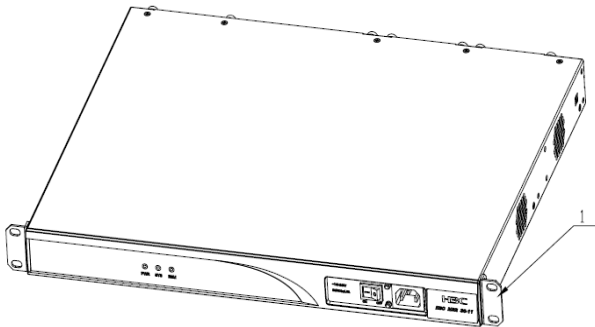


Figure 1 Remove mounting angle

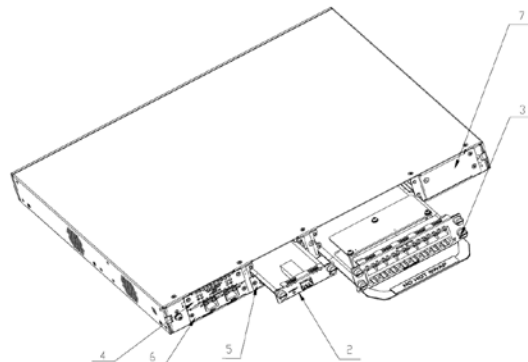


Figure 2 Rear of the product

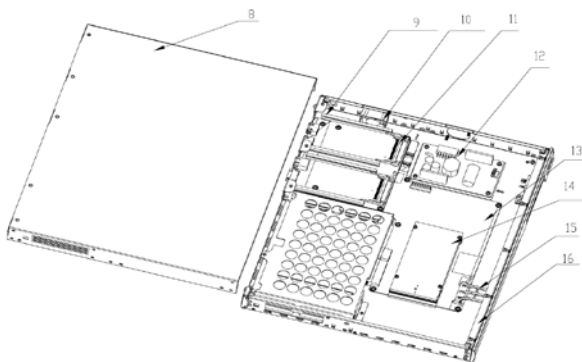


Figure 3 Treatments to the product

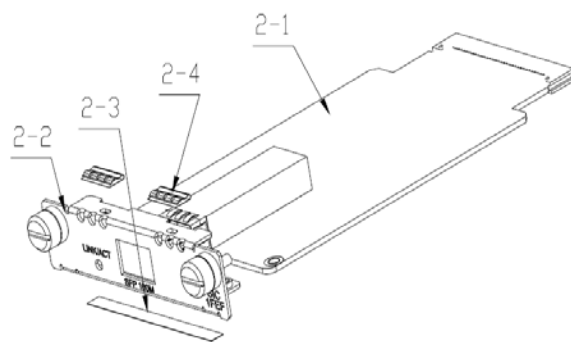


Figure 4 Treatments to the card 2

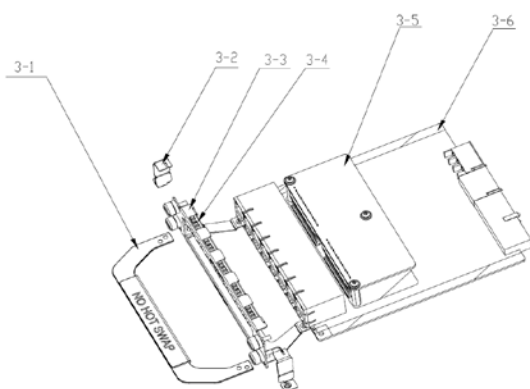


Figure 5 Treatments to the card 3

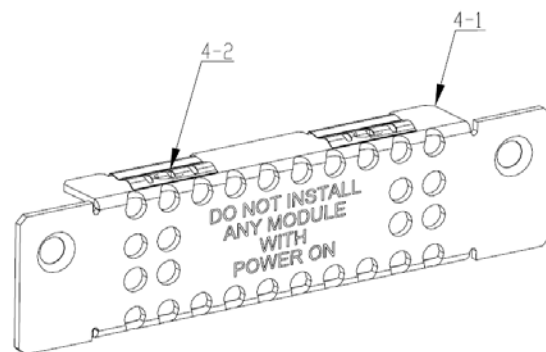


Figure 6 Treatments to filler panel 4

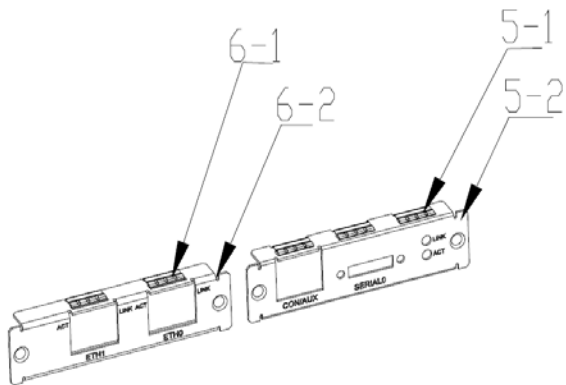


Figure 7 Treatments to panel 5 and panel 6

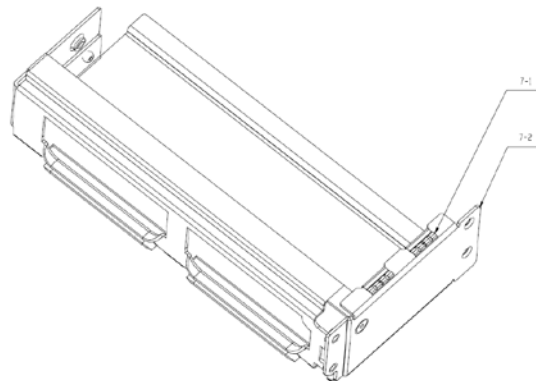


Figure 8 Treatments to guide rail 7.

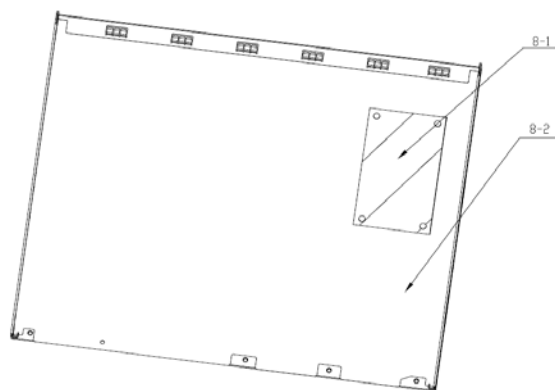


Figure 9 Treatments to cover 8

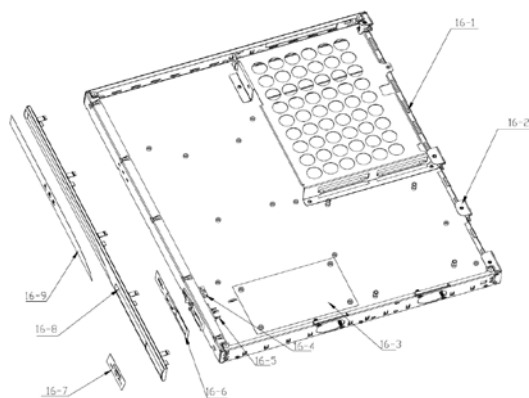


Figure 10 Treatments to base 16