



Product End-of-Life Disassembly Instructions

Product Category: Personal Computers

Marketing Name / Model

[List multiple models if applicable.]

HP Compaq 8200 Elite SFF Business PC

Name / Model #3

Name / Model #4

Name / Model #5

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	2
Batteries	All types including standard alkaline and lithium coin or button style batteries	1
Mercury-containing components	For example, mercury in lamps, display backlights, scanner lamps, switches, batteries	
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm	Includes background illuminated displays with gas discharge lamps	
Cathode Ray Tubes (CRT)		
Capacitors / condensers (Containing PCB/PCT)		
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height	Acbel 240W EPA power supply Acbel 240W STD power supply Liteon STD power supply Liteon EPA power supply Delta EPA power supply Chicony EPA power supply Chicony STD power supply Bestec EPA power supply Bestec STD power supply	2 2 1 1 1 3 1 1 1
External electrical cables and cords		

EL-MF877-00

Template Revision B

Page 1

Gas Discharge Lamps		
Plastics containing Brominated Flame Retardants weighing > 25 grams (not including PCBs or PCAs already listed as a separate item above)		
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.	
Components and waste containing asbestos		
Components, parts and materials containing refractory ceramic fibers		
Components, parts and materials containing radioactive substances		

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	T-15
Micro shear	170II
Screwdriver	PH1
Description #4	
Description #5	

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. Remove the access panel.(see Figure 1 below)
2. Disconnect the cables from the fan duct and the board.(see Figures 2-6 below)
3. Remove the optical drive and the hard drive from the chassis.(see Figures 7-15 below)
4. Remove the power supply from the chassis.(see Figure 16 below)
5. Remove the front bezel from the chassis.(see Figure 17 below)
6. Remove the front system fan from the chassis.(see Figures 18-19 below)
7. Remove the front I/O and speaker from the chassis.(see Figures 20-22 below)
8. Remove memory modules from the system board.(see Figure 23 below)
9. Remove the CPU from the system board .(see Figures 24-26 below)
10. Remove the battery from the system board.(see Figure 27 below)
11. Remove the system board from the chassis.(see Figures 28-29 below)
12. Remove the power supply cover and cables.(see Figures 30-32 below)
13. There are nine different possible power supplies in these computers. Use figures 33-41 to determine which power supply you have, and then remove the electrolytic capacitors as shown in the appropriate figure.

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 the access panel:



Figure 2 Disconnect the cables from the fan duct



Figure 3 Remove the fan duct from the system board



Figure 4 Disconnect the cables from the system board



Figure 5 Disconnect the CPU power cable from the system board



Figure 6 Disconnect other power supply cables from the system board



Figure 7 Disconnect the SATA cable from optical drive



Figure 8 Disconnect the SATA cable from hard drive



Figure 9 Press the optical drive latch



Figure 10 Remove the optical drive from the cage



Figure 11 Press the hard drive latch



Figure 12 Remove the hard drive from the cage



Figure 13 Disconnect the SATA cable from the second hard drive (if applicable)



Figure 14 Press the optical drive latch



Figure 15 Remove the second hard drive (if applicable)



Figure 16 Remove the power supply from the chassis



Figure 17 Remove front bezel



Figure 18 Disconnect the front system fan cable from the system board



Figure 19 Remove the front system fan



Figure 20 Disconnect the front I/O cables from the system board



Figure 21 Remove the front I/O screw, and then remove the front I/O assembly



Figure 22 Remove the speaker screws, and then remove the speaker



Figure 23 Remove any memory modules



Figure 24 Loosen the screws and remove the heat sink

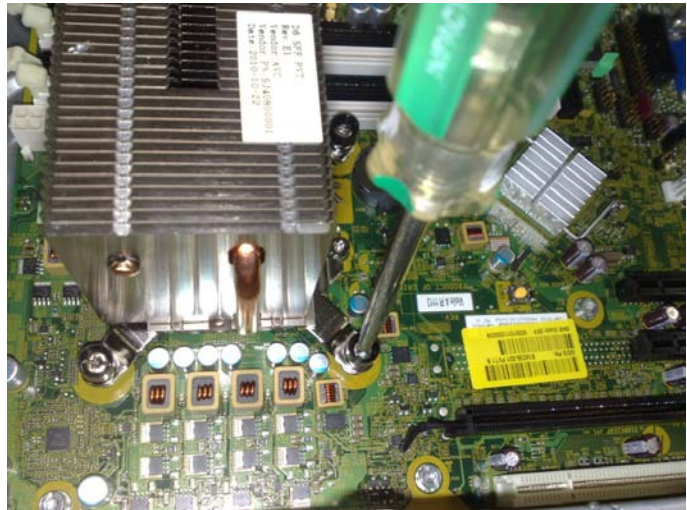


Figure 25 Rotate the processor handle and open it up



Figure 26 Remove the CPU from the system board



Figure 27 Remove the battery from the system board



Figure 28 Remove the system board screws



Figure 29 Remove the system board from the chassis



Figure 30 Remove the screws on the power supply cover

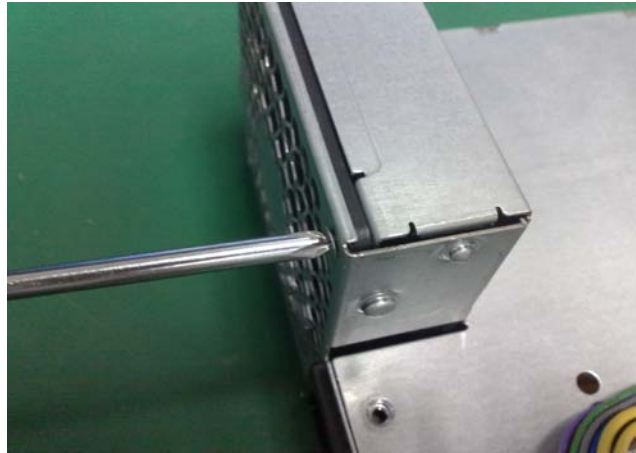


Figure 31 Lift the cover off the power supply

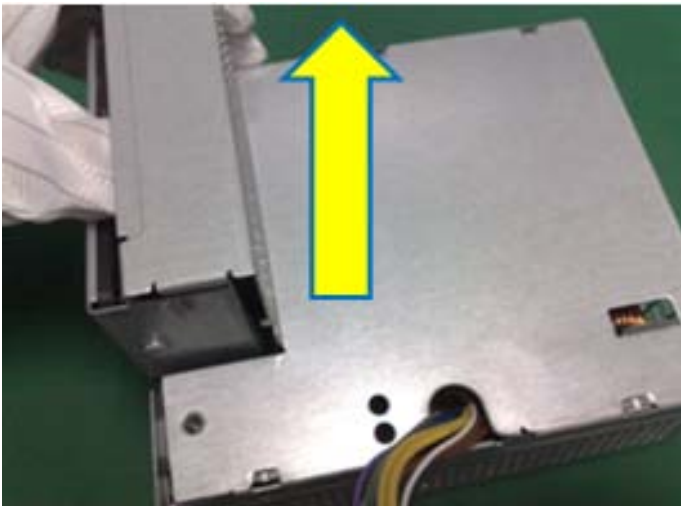


Figure 32 Remove the four screws from the power supply board, and cut all cables



Figure 33 Remove the electrolytic capacitors (For Acbel 240W EPA)

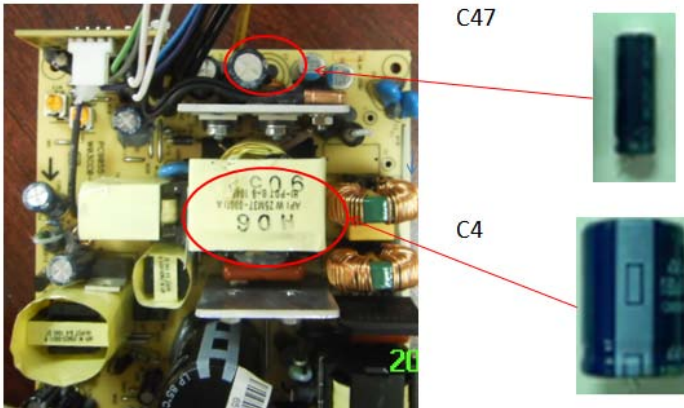


Figure 34 Remove the Electrolytic Capacitors (For Acbel 240W STD)

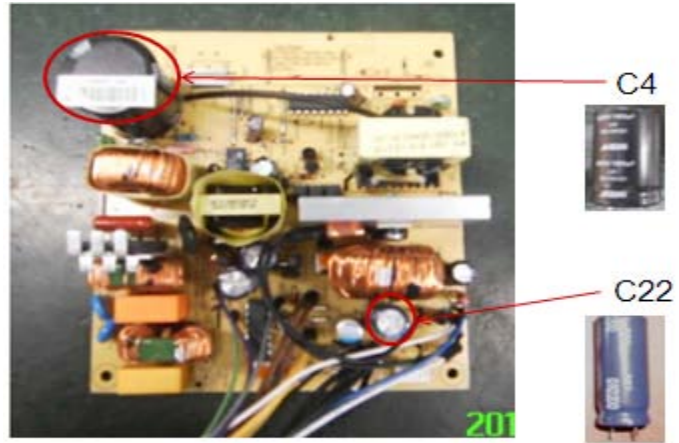


Figure 35 Remove the Electrolytic Capacitors (For Liteon STD PSU)

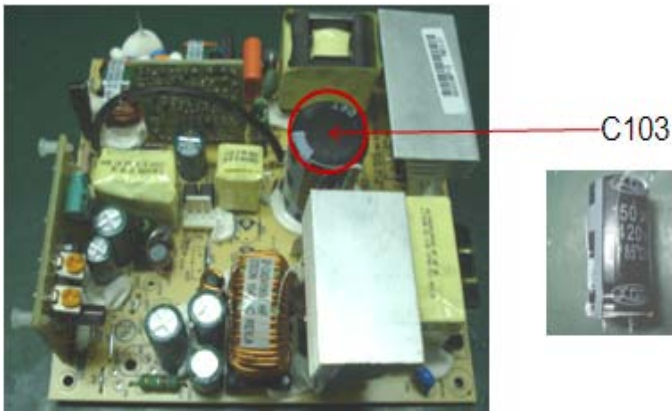


Figure 36 Remove the Electrolytic Capacitors (For Liteon EPA PSU)

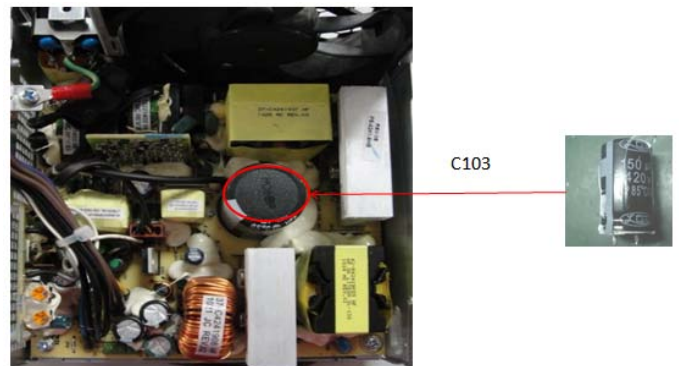


Figure 37 Remove the Electrolytic Capacitors (For Delta EPA PSU)

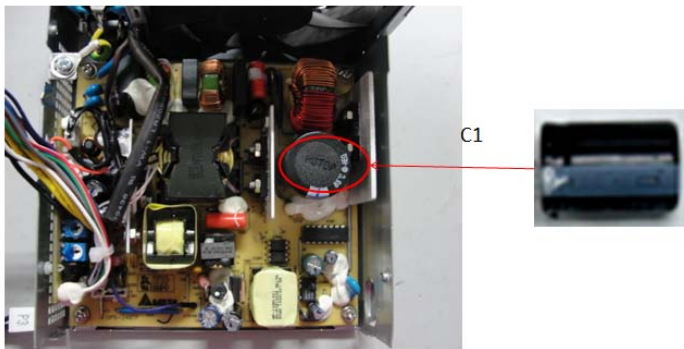


Figure 38 Remove the Electrolytic Capacitors (For Chicony EPA PSU)

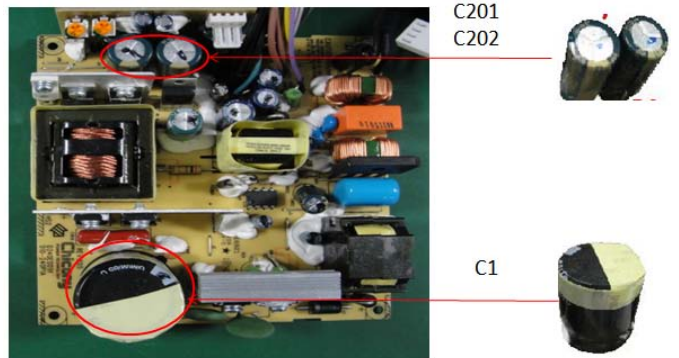


Figure 39 Remove the Electrolytic Capacitors (For Chicony STD PSU)

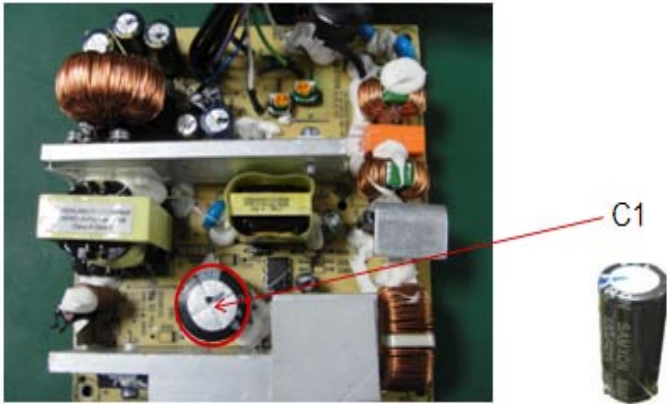


Figure 40 Remove the Electrolytic Capacitors (For Bestec EPA PSU)

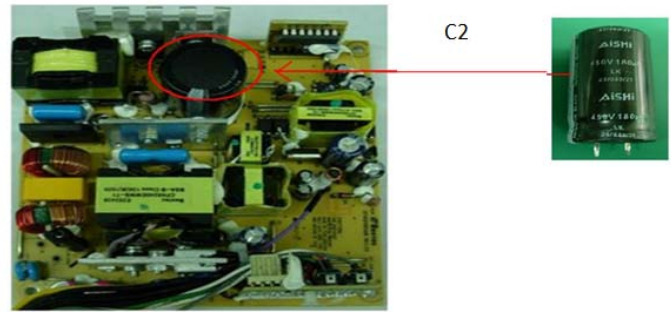


Figure 41 Remove the Electrolytic Capacitors (For Bestec STD PSU)

