



Product End-of-Life Disassembly Instructions

Product Category: Workstations

Marketing Name / Model

HP Z620 Workstation

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.

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. Two in the power supply, one graphics card, and two system board. (Additional cards, including a system board riser, may be present depending on the configuration.) (If riser is present, two system boards are installed.)	4
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	None
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm	Includes background illuminated displays with gas discharge lamps	None
Cathode Ray Tubes (CRT)		None
Capacitors / condensers (Containing PCB/PCT)		None
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height	Two attached to the power supply boards.	2
External electrical cables and cords		1
Gas Discharge Lamps		None
Plastics containing Brominated Flame Retardants		None
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.	None
Components and waste containing asbestos		None
Components, parts and materials containing refractory ceramic fibers		None
Components, parts and materials containing radioactive substances		None

2.0 Tools Required

Tool Description

Tool Size (if applicable)

Assorted Torx drivers, screwdrivers and a diagonal cutter

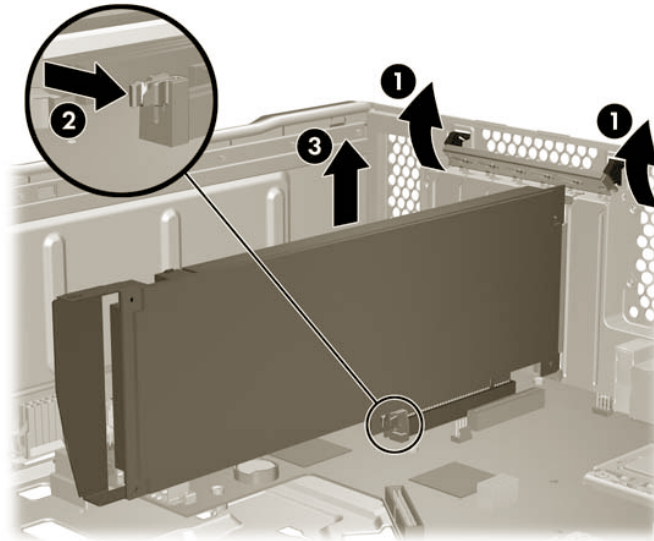
3.0 Product Disassembly Process

(See instructions below in sections 3.2 and 3.3.)

3.2 Workstation Disassembly Procedures

1.	Power off the workstation.
2.	Remove/disengage any security devices that prohibit opening the workstation.
3.	Disconnect the power cord from the electrical outlet and then from the workstation.
4.	Disconnect all peripheral device cables from the workstation.
5.	Remove the side access panel. Pull up on the handle and rotate the cover off the chassis.
6.	Disconnect all internal cables from system board, power supply, and other components.
7.	Remove the system battery. Use a flat-edged screwdriver to leverage battery out of the battery holder. Rotate the battery beyond the battery holder edges and lift it out.

8. Remove the graphics card and any other expansion cards. Push down on the expansion card retention clamp levers (1) on the outside of the chassis to open the retention clamp as shown below.



Release the card slot latch (2), and then carefully lift the card from the chassis (3).

9. Remove the power supply. Pull out the power supply locking handle marked with the green tab. Use the handle to pull the power supply out of the chassis.



10. Remove all components from the workstation.

11. The following pictures show how to remove a second system board (riser) from an HP z620 Workstation. (Not all HP z620 Workstations have a second system board.)



Second System Board
(Riser)

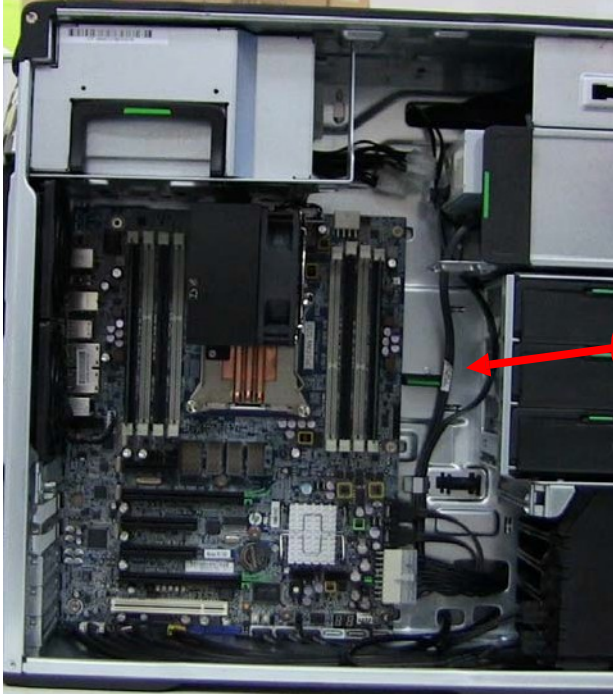


a) Pinch both green
contact points
together.



b) Lift riser out of
chassis.

12. To remove the system board, rotate the green contact point clockwise. Lift the system board from the chassis.



13. Dispose of all removed components according to regulatory requirements.

3.3 Power Supply Disassembly Procedures

1. Refer to the Items Requiring Selective Treatment table to identify all components to be removed.

a. Remove the power supply chassis screws.



b. Remove all screws from the base of the power supply chassis.



2. Lift and pull handle to remove the top plate of the power supply chassis. The unit will fall open into two parts, as shown in the following figure.



3. Ensure that all capacitors are safely discharged. Use a diagonal cutter to remove the desired components from the PCA. (Note that some components may need to be unsoldered if a diagonal cutter does not fit between the component and the PCA.)
4. Dispose of all removed components according to regulatory requirements.