



Product End-of-Life Disassembly Instructions

HP xw6400 Workstation

Product Category: Workstations

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

HP xw6400 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.
 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 Two in the power supply, one graphics card, and one system board. (Additional cards may be present depending on the configuration.)	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	Ten attached to the power supply boards.	10
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

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.

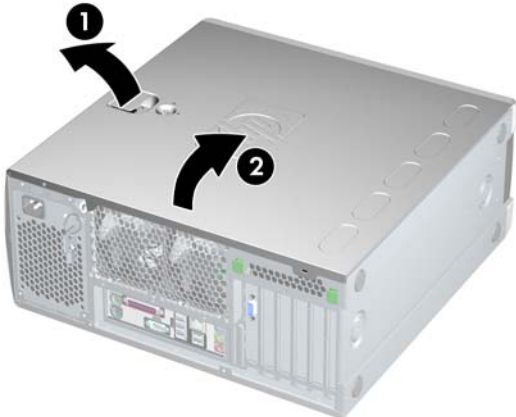
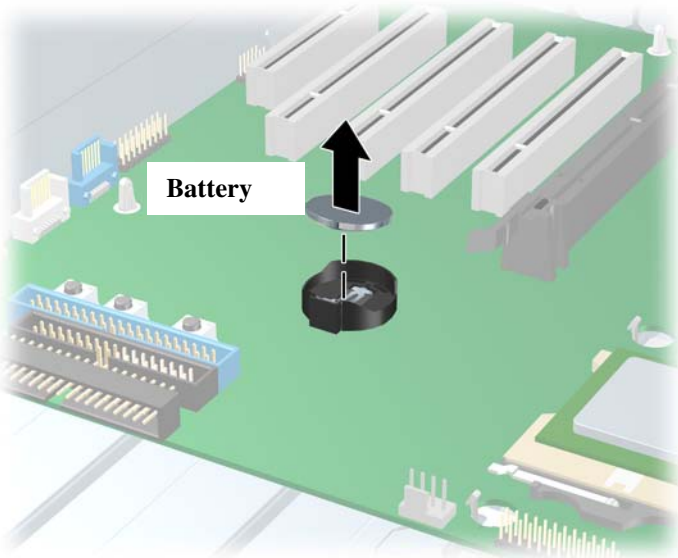
Tool Description	Tool Size (if applicable)
Torx drivers, screwdriver, diagonal cutter	

3.0 Product Disassembly Process

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

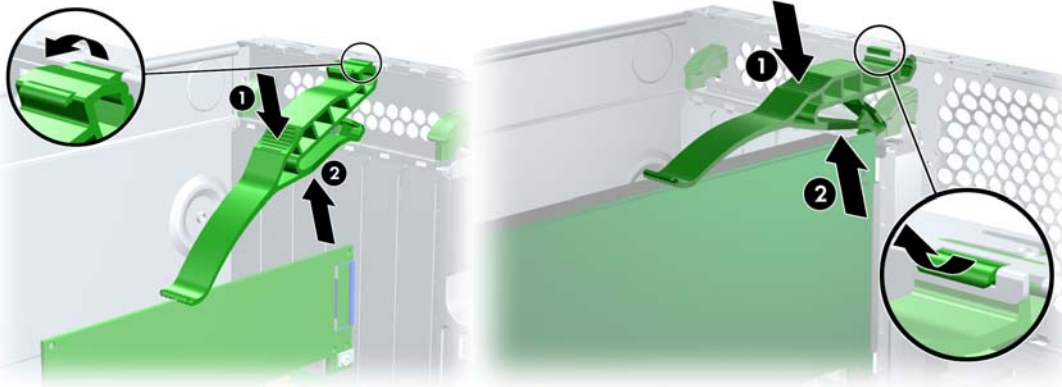
(See instructions below in sections 3.2 and 3.3.)

3.2 Workstation Disassembly Procedures

1.	Remove/disengage any security devices that prohibit opening the workstation.
2.	Disconnect the power cord from the electrical outlet and then from the workstation.
3.	Disconnect all peripheral device cables from the workstation.
4.	<p>Remove the access panel. Pull up on the handle ❶ and lift off the cover ❷.</p>  <p>The diagram shows a silver workstation chassis. Arrow 1 points to a small handle on the top surface. Arrow 2 points to the top cover of the chassis, indicating it should be lifted off.</p>
5.	Disconnect all internal cables from system board, power supply, and other components.
6.	<p>Remove the system battery. Press on the release tab of the battery holder. Rotate the battery beyond the latch and lift it straight up.</p>  <p>The diagram shows a green system board with various components. A black battery is shown being lifted from a holder. A white box labeled 'Battery' is positioned next to the battery. An upward-pointing arrow indicates the direction of removal.</p>

7. Remove the graphics card and any other expansion cards.

If necessary, first remove the PCI Holder for short or tall cards. Lift the holder arm with one hand, press in on the sides of the holder ❶, and rotate it out of the chassis ❷.

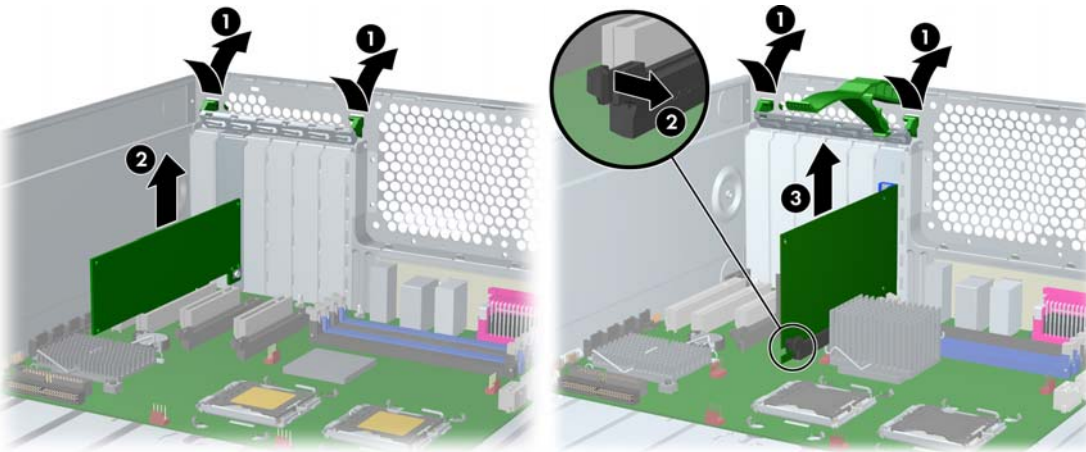


Short Card

Tall Card

Remove the PCI retainer clamp by pressing down on the green snaps and rotating the PCI retention clamp upward ❶. Lift the PCI card out of the chassis ❷. (First picture.)

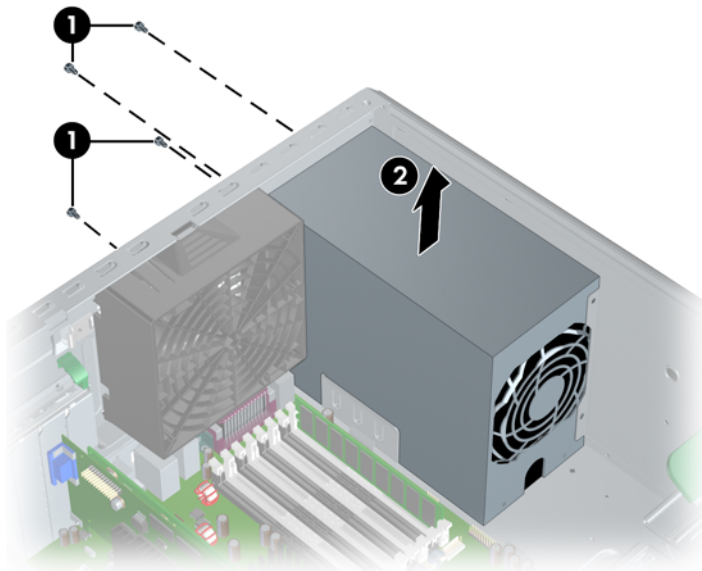
For PCI Express cards (second picture), remove the PCI retainer clamp by pressing down on the green snaps and rotating the PCI retention clamp upward ❶. Remove the power supply cable (not shown) if required. Then move the PCI slot lever ❷ to release the card and lift it out of the chassis ❸.



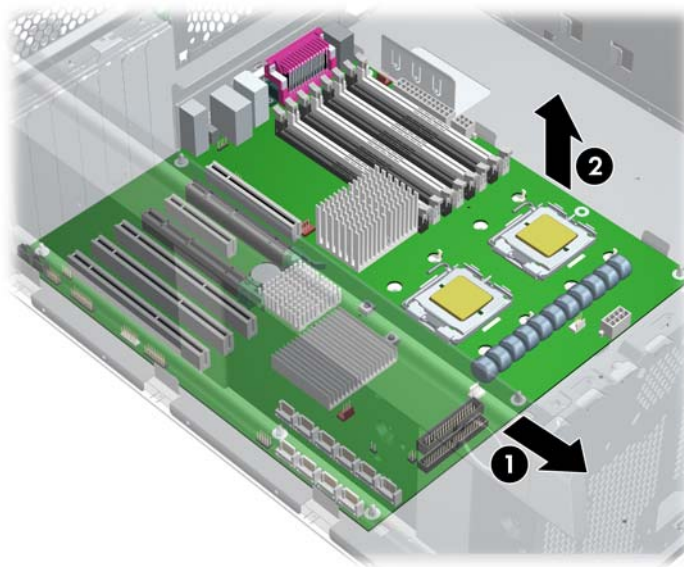
PCI Card

PCI Express Card

8. Remove the power supply from the chassis. Disconnect or cut electrical connections to the power supply. Remove the four screws ❶ securing the power supply to the workstation chassis. Slide the power supply toward the front, then lift up to remove it from the chassis ❷.



9. Remove the system board. Slide the board forward to disengage the mounting standoffs from the chassis ❶. Lift the board out of the chassis ❷.



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

3.3 Power Supply Disassembly Procedures

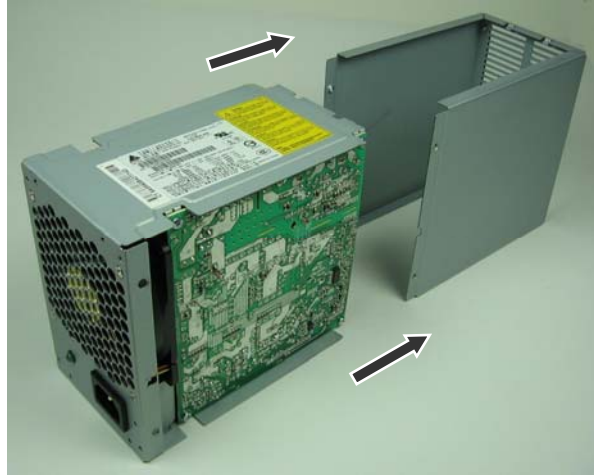
1. Cut the cable tie at the rear of the unit.



2. Remove the four power supply screws—two on each side of the front.



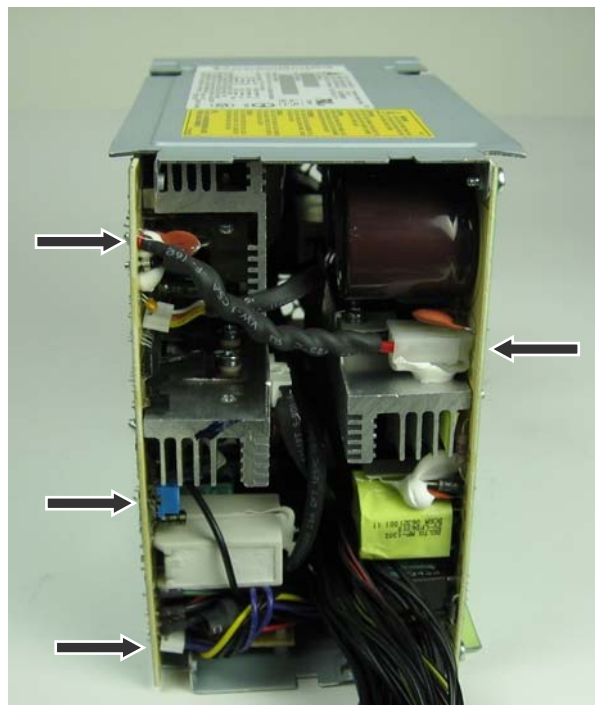
3. Slide the chassis housing from the power supply unit.



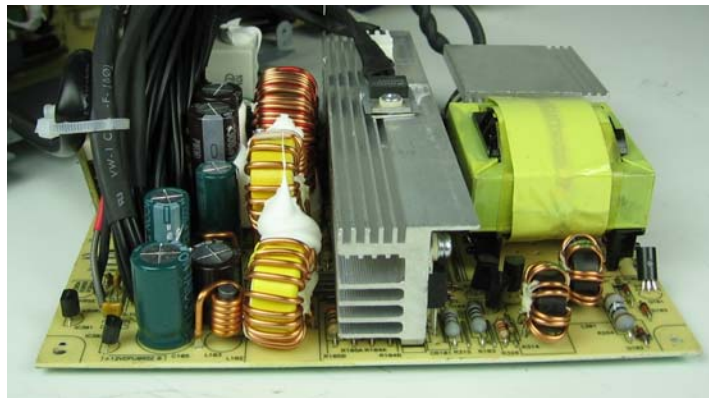
4. Remove the four screws from the corners of the first PCB card. Pull the card loose from the chassis.



5. Unplug the connectors that connect the two PCB cards together. Remove the first PCB card from the chassis.



6. Use a diagonal cutter to remove the desired components from both PCB cards. (Note that some components may need to be unsoldered if a diagonal cutter does not fit between the component and the PCB card.)



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