

# Office Electronics



Portland State  
UNIVERSITY

## COMMON TERMS

### Remanufactured

Remanufacturing is a method of production that takes a used part or component and through a series of manufacturing and engineering processes, restores the part to an “as new” condition. The remanufactured product is at least as good as the original component and in many instances is re-engineered to a superior standard. The difference is that it takes fewer resources to produce a remanufactured product than a new one.

### Energy Star

ENERGY STAR is the trusted, government-backed symbol for energy efficiency helping us all save money and protect the environment through energy-efficient products and practices.

### EPEAT

**(Electronics Purchasing Environmental Assessment Tool)** EPEAT is a system that helps purchasers evaluate, compare and select electronic products based on their environmental attributes. The system currently covers desktop and laptop computers, thin clients, workstations and computer monitors.



## OREGON E-CYCLES

As of January 1, 2010, computers, monitors and TVs **CANNOT** be disposed of in the garbage or at disposal sites such as landfills, transfer stations and incinerators.

Unwanted computers, monitors and TVs; referred to as electronic waste “e-waste” – is the fastest growing waste stream in the U.S. With technology constantly changing, we replace our electronics every few years. In 2007 alone, Americans generated about 232 million units of computer and TV-related e-waste, only 18% of which was recycled. In addition, it’s estimated that 235 million more units are stored in our basements, closets and garages.

Source: Oregon DEQ  
<http://www.deq.state.or.us/lq/ecycle/consumers/whyimportant.htm>

## Choose

- OIT Approved printers and copiers
- Energy Star qualified
- Recycled or remanufactured
- Vendor take back at end of life
- Extended warranties

## Avoid

- Cheap desktop printers
- Less durable items
- Non-recyclable
- Non-recycled
- Non– remanufactured

## WHAT TO LOOK FOR

- Energy Star label - wide variety of applicable products
- Third-party certification/Eco-labels such as EPEAT, EU, Nordic Swan, Blue Angel, or TCO
- Upgradability/Expandability (i.e. memory, disk space)
- Minimized packaging and reusable, recyclable, and/or recycled content packaging
- Minimize toxins, heavy metals, other hazardous materials (see Resources section)
- Ergonomic design
- Low emissions (such as ozone, dust, noise)
- Remanufactured and/or recycled content materials
- Product take-back by manufacturer; proper recycling/disposal
- Leasing options
- Transferrable warranties
- Paper use minimization capability - i.e. duplexing



## YOUR CHOICE MAKES A DIFFERENCE

### *Manufacturer Product Take-Back, Proper Recycling/Disposal:*

- Helps prevent unregulated toxic dumping in developing countries.
- Encourages manufactures to design safer, more modular products.

### *Energy Star, Enabling Power Saving Features:*

- Saves money
- Reduces pollution associated with fossil fuel extraction and electricity generation.