EPEAT Product Information

Product Information

Product Type: Notebooks
Product: OLPC XO-1
Manufacturer: One Laptop Per Child
URL: http://www.laptop.org
Rating: EPEAT GOLD™
Listing Date: 9/6/2007
Monitor Type: Flat Panel
Monitor Size: 7.5 in
Product Status: ■ Active
Exceptions:

IEEE 1680-2006 EPEAT Criteria Detail

Yes R 4.1.1.1 Compliance with provisions of European RoHS Directive upon its effecti date :
Yes R 4.1.3.1 Reporting on amount of mercury used in light sources (mg): Number of Lamps: 0 (no Hg): 12 LEDs used
Yes R 4.1.6.1 Elimination of intentionally added SCCP flame retardants and plasticizer in certain applications:
Yes R 4.2.1.1 Declaration of postconsumer recycled plastic content (%): 0
Yes R 4.2.2.1 Declaration of renewable/bio-based plastic materials content (%): 0
Yes R 4.2.3.1 Declaration of product weight (lbs): 3.3 Pounds
Yes R 4.3.1.1 Identification of materials with special handling needs:
Yes R 4.3.1.2 Elimination of paints or coatings that are not compatible with recycling c reuse:
Yes R 4.3.1.3 Easy disassembly of external enclosure:
Yes R 4.3.1.4 Marking of plastic components:
Yes R 4.3.1.5 Identification and removal of components containing hazardous materia
Yes R 4.3.1.8 Minimum 65 percent reusable/recyclable:
Yes R 4.4.1.1 Availability of additional three year warranty or service agreement:
Yes R 4.4.2.1 Upgradeable with common tools:
Yes R 4.5.1.1 ENERGY STAR®: Version 4.0 - Desktops and Notebooks
Yes R 4.8.1.1 Reduction/elimination of intentionally added toxics in packaging:
Yes R 4.8.2.1 Separable packing materials:
Yes R 4.8.3.1 Declaration of recycled content: boxboard 30% (and in addition - one b for 5 laptops - saving further) no styrofoam packing paper 60% recycled content
Yes O 4.1.2.1 Elimination of intentionally added cadmium:
Yes O 4.1.3.2 Low threshold for amount of mercury used in light sources:
Yes O 4.1.3.3 Elimination of intentionally added mercury used in light sources:
Yes O 4.1.4.1 Elimination of intentionally added lead in certain applications:
Yes O 4.1.5.1 Elimination of intentionally added hexavalent chromium:
Yes O 4.1.6.2 Large plastic parts free of certain flame retardants classified under European Council Directive 67/548/EEC:

Yes O 4.1.7.1 Batteries free of lead, cadmium and mercury:
Yes O 4.1.8.1 Large plastic parts free of PVC:
No O 4.2.1.2 Minimum content of postconsumer recycled plastic:
No O 4.2.1.3 Higher content of postconsumer recycled plastic:
No O 4.2.2.2 Minimum content of renewable/bio-based plastic material:
Yes O 4.3.1.6 Reduced number of plastic material types:
Yes O 4.3.1.7 Molded/glued in metal eliminated or removable:
Yes O 4.3.1.9 Minimum 90 percent reusable/recyclable:
Yes O 4.3.2.1 Manual separation of plastics:
Yes O 4.3.2.2 Marking of plastics:
Yes O 4.4.2.2 Modular design:
Yes O 4.4.3.1 Availability of replacement parts:
Yes O 4.5.2.1 Renewable energy accessory available:
No O 4.5.2.2 Renewable energy accessory standard:
Yes O 4.8.2.2 Packaging 90% recyclable and plastics labeled:
Yes O 4.8.3.2 Minimum postconsumer content guidelines:
No O 4.8.4.1 Provision of take-back program for packaging:
No O 4.8.5.1 Documentation of reusable packaging:

IEEE 1680-2006 EPEAT Criteria Summary

IEEE 1680-2006 Criteria Category Summary	Optional Points
4.1 Reduction/elimination of environmentally sensitive materials	8/8
4.2 Materials selection	0/3
4.3 Design for end of life	5/5
4.4 Product longevity/life cycle extension	2/2
4.5 Energy conservation	1/2
Corporate Annual Report Points	
4.6 End of life management	1/1
4.7 Corporate performance	2/2
4.8 Packaging	2/4
Total Optional Points:	21/27

IEEE 1680 EPEAT Corporate Annual Report Criteria Detail

YesR 4.6.1.1 Provision of product take-back service:
YesO 4.6.1.2 Auditing of recycling vendors:
YesR 4.6.2.1 Provision of rechargeable battery take-back service: a) For distribution ir the developing world -> laptops are distributed to schools. Every child in the school g a laptop. Boxes are put in each school to collect old batteries. When the box is full the are sent to the recycler. b) The batteries collected are sent to a recycler. c) The

batteries are easily removable from the laptop. d) The batteries are marked telling the user to recycle them. e) OLPC will report amounts returned. f) we have no plans to distribute to the non-developing world, but should we change our plans we will be compliant with IEEE 1680 requirements
YesR 4.7.1.1 Demonstration of corporate environmental policy consistent with ISO 14001:
YesR 4.7.2.1 Self-certified environmental management system for design and manufacturing organizations:
YesO 4.7.2.2 Third-party certified environmental management system for design and manufacturing organizations:
YesR 4.7.3.1 Corporate report consistent with Performance Track or GRI:
YesO 4.7.3.2 Corporate report based on GRI: