

# 2011 CEH Shopping Guide for Finding Greener Electronics

This chart summarizes the Electronics TakeBack Coalition's and Greenpeace's latest rankings of electronics companies on their takeback and recycling programs, and on their policies on toxic chemicals, recycling and climate change, respectively. While these ratings do not capture the companies' full sustainability efforts, it gives you a place to start when choosing between companies and their products.

Company	ETBC	Greenpeace (GP)				Other
	Recycling Programs	GP Overall (Best = 10)	Chemicals	E-Waste	Energy	BFR/PVC-free products (US)**?
Acer	D	4.1	67%	20%	33%	Some models
Apple	C+	4.9	67%	40%	39%	All products
Asus	B-	-	-	-	-	Some models
Best Buy (TVs)	C+	-	-	-	-	-
Brother	F	-	-	-	-	-
Canon	F	-	-	-	-	-
Dell	B	4.9*	50%	53%	72%	Some models
Epson	F	-	-	-	-	-
Fujitsu	-	3.9	39%	27%	50%	No
Funai	F	-	-	-	-	-
Hitachi	F	-	-	-	-	-
HP	C-	5.5	61%	40%	61%	Some models
JVC	F	-	-	-	-	-
Kodak	F	-	-	-	-	-
Lenovo	D-	3.5*	39%	47%	50%	Some models
Lexmark	F	-	-	-	-	-
LG Electronics	C+	3.5*	39%	60%	39%	Some models
Microsoft	D-	1.9*	28%	20%	42%	-
Mitsubishi	D+	-	-	-	-	-
Motorola	-	5.1	50%	40%	61%	Some models
NEC	-	-	-	-	-	Some models
Nintendo	D-	1.8	33%	0%	17%	-
Nokia	-	7.5	83%	60%	78%	All products
Panasonic	D+	5.1	50%	40%	61%	No
Philips	F	5.5	67%	20%	72%	None in US
RCA/Thomson	F	-	-	-	-	-
Samsung	B- (dishonorable)	5.3*	61%	60%	67%	Some models
Sanyo	F	-	-	-	-	-
Sharp	C	4.7	44%	33%	61%	-
Sony	D	5.1	50%	47%	56%	No
Sony Ericsson	-	6.9	100%	33%	67%	All products
Target (TVs)	F	-	-	-	-	-
Toshiba	C-	2.3*	44%	40%	44%	None in US
Vizio	D	-	-	-	-	-
WalMart (TVs)	C+	-	-	-	-	-

[See NRDC's list of the 200 most energy efficient TVs on the market as of November 2010](#)



"-" = "Not Rated"    \*\* = Covered products include computers, monitors, cell phones & music players. For details, see next table with product listings.

For more resources, visit: [www.ceh.org/electronics](http://www.ceh.org/electronics) [See below for additional notes]

**IT AND CONSUMER ELECTRONIC PRODUCTS IN THE U.S.A.  
WITHOUT POLYVINYL CHLORIDE (PVC) & BROMINATED FLAME RETARDANTS (BFRs)  
JANUARY 2011**

Data was gathered from manufacturers' websites, [ChemSec's report "Electronics Without Brominated Flame Retardants and PVC - a Market Overview"](#) and [Greenpeace's "Guide to Greener Electronics."](#) BFR/PVC "free" products may contain trace levels of these substances below thresholds set by the industry. Products listed are "free" from BFRs and PVC from "wall to mouse"; this includes the power cords in North America.

<i>Product</i>	<i>Manufacturer</i>	<i>BFR/PVC "Free" Products</i>	<i>Notes</i>
Desktops	Apple	All Desktops	Ships with PVC "free" cables in North America
	HP	Compaq 8000f Elite Compaq 6005 Pro Ultra Slim ✱	"Free" of BFRs & PVC for every configuration sold.
Notebooks/ Laptops	Apple	All notebooks and iPad	Ships with PVC "free" cables in North America. iPad ships BFR/PVC-free worldwide
Displays/ Monitors	Acer	C233HL	LCD monitor
	Apple	All Apple Products	Ships with PVC "free" cables in North America
	Asus	VW-247H-HF ✱	LED Display
	Dell	G series monitors (G2210 and G2410H)	LED Display. PVC/BFR "free" cables available in North America.
	HP	Compaq LA22f & LE19f	LCD display
	Lenovo	ThinkVision L2440x Wide ThinkVision L2251x Wide	LCD Display
	NEC	NEC MultiSynch EA222WMe	LCD monitor. 1 <sup>st</sup> TCO (Swedish eco-label) Certified Edge Award for no bromine or chlorine
Cell Phones/Smart Phones	Apple	All phones	
	LG Electronics	GD510	
	Motorola	Motocubo A45 eco and GRASP	
	Nokia	All phones	All new models launched in 2010 will be BFR/PVC "free".
	Sony Ericsson	All phones	All new products are PVC "free" and products are 99.9% free of all brominated and chlorinated flame retardants.
	Samsung	All phones launched after 4/10	All cell phones launched after 4/10 are BFR/PVC "free." Tobi GT-S3030, SFGH-F268, Blue Earth GT-S7550 ✱, Reclaim M560
Music Players	Apple	iPod	Ships with PVC/BFR "free" power cord worldwide
	Samsung	All MP3 players introduced after 1/10	All MP3 players launched after 1/10 YP-RB, YP-SI

✱ Top scoring product in Greenpeace's 2011 Green Electronics Survey

\***Dell, Lenovo, LG, Samsung, and Toshiba** each received 1 penalty pt. for failing to meet their voluntary commitments to eliminate certain chemical hazards; **Toshiba** received a 2nd penalty pt. for misleading the public about its failure to live up to its promise; **Samsung** earned a "dishonorable" mark from ETBC for its poor record on worker health and safety.

**ETBC (Electronics TakeBack Coalition) Electronics Recycling Report Card (Oct 2010)** grades takeback and recycling programs offered by computer, TV, printer & game console companies.  
[www.electronicstakeback.com/reportcard.htm](http://www.electronicstakeback.com/reportcard.htm)

**Greenpeace's Guide to Greener Electronics (Oct 2010)** ranks the top 18 manufacturers of personal computers, mobile phones, TVs & game consoles according to their policies on toxic chemicals, recycling and climate change. [www.greenpeace.org/international/en/campaigns/toxics/electronics/Guide-to-Greener-Electronics/](http://www.greenpeace.org/international/en/campaigns/toxics/electronics/Guide-to-Greener-Electronics/)

**Natural Resources Defense Council (NRDC) Rating of Energy Efficient TVs:** NRDC has compiled a list of the 200 most energy efficient TVs on the market as of November 2010. All models listed are already meeting the power use requirements in the future version of ENERGY STAR (Version 5.1) that does not go in effect until May 2012. These TVs will use about 25% less power than those models meeting current Energy Star Version 4.1 requirements. NRDC also offers some helpful insight into the energy use of televisions, video game consoles and cable and satellite set top boxes. [www.simplesteps.org/home-garden/energy/efficient-tvs](http://www.simplesteps.org/home-garden/energy/efficient-tvs)

In addition to the Holiday Shopping Guide, CEH's website offers concrete steps people can take at home, at work or at school to improve the sustainability of their electronics. [www.ceh.org/electronics](http://www.ceh.org/electronics)