



Eco-Smart Computing

Starts with Intel Inside®





It's a fact—your technology choices have an environmental impact. The good news is that doing the right thing ecologically can also be the best choice for your business.

Whether you are looking to update your PCs or upgrade your servers, building upon energy-efficient Intel® products can help you minimize your carbon footprint, comply with regulatory requirements, and save money. These Eco-Smart options incorporate fewer environmentally harmful materials, such as lead and halogenated flame retardants¹, and can help you reduce your energy costs. By working with a local reseller who understands your systems and your needs, you can implement sustainable systems that best address the requirements of your business.

More Powerful, More Efficient PCs

The new Intel® Core™ processor family was designed to be more environmentally friendly from the start. By combining smart performance with low idle power (the primary focus for worldwide energy-efficiency standards), your PC can deliver both productivity and efficiency. And with Intel® boards designed for Eco-Smart computing, your systems can more easily meet requirements such as ENERGY STAR*, EPEAT*, and ErP* as a result of lower idle power and reduced use of sensitive materials.

For your mobile workforce, ultra-thin laptops based on the Intel® Core™ i5 processor deliver extra performance when it's needed and increased energy efficiency when it's not. These stylish machines use low-voltage Intel Core processors that include features for enhanced battery life and low power consumption for solid performance on the go.



Intelligent Server Processors Are Energy Efficient

Smart energy-efficient features are built into the latest Intel® Xeon® processors. Intel® Intelligent Power Technology automatically adjusts power consumption to your workload. And new low-power processor SKUs and low-voltage DDR3 memory support options can give you 30 percent more power savings than previous generations without sacrificing performance.²

Systems based on Intel® server boards provide even more environmentally friendly options:

- Reduce the number of servers you need by maximizing system utilization with Intel® Virtualization Technology.
- Lower power consumption by enabling redundant power supplies only when needed with Intel® On-Demand Redundant Power Technology.³
- Monitor power supply operation to enable corrective measures with Power Management Bus (PMBus) Protocol.

Your reseller can help you put together the right environmentally conscious server solution for your business.

Save Energy. Save Money.

Choosing more energy-efficient technology in your PCs and servers is important for the environment and can also have a positive impact on your bottom line. When the Brookwood School, a private school in Georgia, U.S., transitioned to Intel Core processor-based systems, it saw an estimated energy savings of \$7.88 per month per PC.⁴ This added up to almost \$1,500 per month saved by choosing more energy-efficient products.



What Is Eco-Smart?

Eco-Smart products and services support and protect the environment. They are energy efficient, reduce the use of sensitive materials, and meet or exceed environmental regulations.

Look for These Ratings



ENERGY STAR*

This is an international standard for energy-efficient consumer products. These products must meet specific federal energy use standards. Look for the ENERGY STAR label.



EPEAT* (Electronic Product Environmental Assessment Tool)

The Green Electronics Council evaluates computing equipment based on 51 criteria related to efficiency and sustainability, awarding a Bronze, Silver, or Gold rating.



The Energy related Products* (ErP) Directive

ErP is a framework that requires manufacturers to reduce the energy use and environmental impact of products in the European Union.

If you're ready to do more for the environment and boost your performance, contact your local Intel reseller or find one at www.intel.com/buy. By working with a local provider, you have access to solutions customized for your business and the added advantage of supporting your community. And when it comes to finding an Eco-Smart solution, always look for Intel Inside.[®]

¹ Halogen-free: Applies only to halogenated flame retardants and polyvinyl chloride (PVC) in components. Halogens are below 900 parts per million (PPM) bromine and 900 PPM chlorine.

² Source: www.intel.com/performance/server/xeon/eep.htm

³ Intel® On-Demand Redundant Power Technology available only for Intel® Server Systems SR2600UR/SR2625UR.

⁴ Data supplied by the Intel Solution Provider and is specific to the Brookwood School environment.

