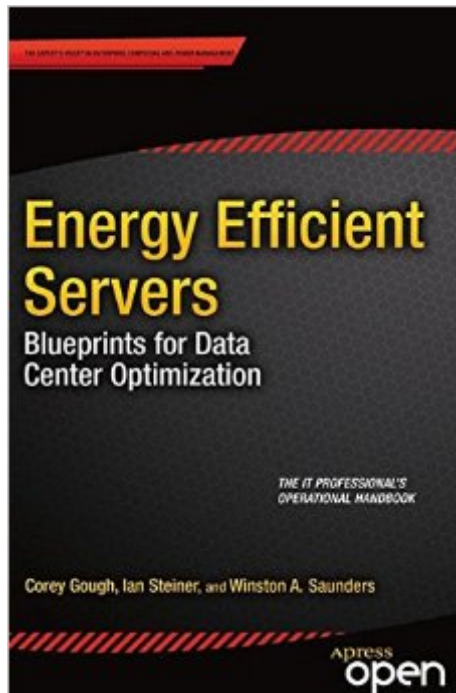


The book was found

# Energy Efficient Servers: Blueprints For Data Center Optimization



## Synopsis

Energy Efficient Servers: Blueprints for Data Center Optimization introduces engineers and IT professionals to the power management technologies and techniques used in energy efficient servers. The book includes a deep examination of different features used in processors, memory, interconnects, I/O devices, and other platform components. It outlines the power and performance impact of these features and the role firmware and software play in initialization and control. Using examples from cloud, HPC, and enterprise environments, the book demonstrates how various power management technologies are utilized across a range of server utilization. It teaches the reader how to monitor, analyze, and optimize their environment to best suit their needs. It shares optimization techniques used by data center administrators and system optimization experts at the world's most advanced data centers.

## Book Information

Paperback: 360 pages

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Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (3 customer reviews)

Best Sellers Rank: #1,040,814 in Books (See Top 100 in Books) #102 in [Books > Crafts, Hobbies & Home > Home Improvement & Design > Energy Efficiency](#) #1276 in [Books > Textbooks > Computer Science > Networking](#) #1949 in [Books > Computers & Technology > Networking & Cloud Computing > Networks, Protocols & APIs](#)

## Customer Reviews

Really amazing stuff here - I know I've spent hours searching for these answers... really quite in-depth without becoming unreadable, in fact the style makes the material seem lighter than it is - well done!

It is rare to have the people responsible for the design of complex technical systems given the opportunity to explain how those systems work (those experts are usually too busy designing new complex systems to write down the details). This book contains the deep knowledge of three such

experts at Intel responsible for implementing power management in server processors. If you care about power management and really want to dig into the technical details, this book is a must read. Full disclosure: I was an official technical reviewer for this book, but have no ongoing financial interest in it (the publisher paid me a modest amount for my review time and that's it).

Clear, conversational language on power management capabilities and progress over time to get better power efficiency.

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