



9 of the top 10 computer hardware companies subscribe to IEEE *Xplore*.

Source: 2021 Forbes Global 2000 rankings

Available in IEEE *Xplore*:
IBM Journal of Research and Development Archive

Computer Hardware Organizations Innovate with IEEE Information

Whether you're developing systems-on-a-chip, grid computing, parallel architecture or any other computer hardware technology, IEEE is your gateway to the most vital information in the industry today. With the intuitive IEEE *Xplore*® digital library, you'll find the journal articles, conference proceedings, and standards needed to lead computer hardware innovation—and boost your company's bottom line.

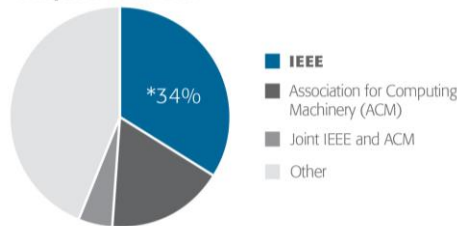
IEEE Information Drives Computer Hardware Patents

Today's computer hardware corporations deliver new patented technologies at an ever-increasing pace, based on research that is at the forefront of the industry. Patent references to IEEE papers have increased 923% since 1997 and recent studies of the top patenting companies show that **IEEE scientific and technical articles are cited over 3 times more often than any other scholarly or commercial publisher.**

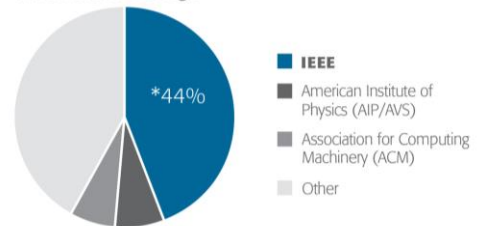
IEEE: the Top-Cited Publisher in Computing

IEEE is the top scientific and technical source with patent citations in:

Computer Hardware



Information Storage



Source: 1790 Analytics LLC, copyright 2021

Essential IEEE Content in Computer Hardware Technology

IEEE content remains crucial to the computer hardware industry—providing research in a wide variety of topics through the IEEE *Xplore* digital library.

Grid Computing	16,900+ documents
Computer Vision	84,000+ documents
Embedded Systems	43,700+ documents
Pattern Recognition	83,200+ documents
High Performance Computing	26,300+ documents
Wireless Sensor Networks	88,300+ documents
Distributed Systems	28,300+ documents
Parallel Architecture	18,000+ documents
Wearables	24,500+ documents
Internet of Things/M2M	63,800+ documents
Virtual Reality	32,400+ documents
3D Printers	5,000+ documents

Counts are accurate as of November 2021

www.ieee.org/innovate

Phone +1 800 701 IEEE (4333) (in the U.S.)

+1 732 981 0060 (worldwide)

Email onlinesupport@ieee.org



The IEEE Xplore® Digital Library

Find a subscription that's right for you—from tailored journal collections to the entire research catalog—with the IEEE Xplore digital library. Along with journals, magazines, conferences, standards, eBooks, and eLearning, IEEE Xplore delivers:

- The world's most highly cited journals in technology
- More than 5 million full-text documents
- Full-text, searchable PDFs for all documents, and a growing number of HTML documents
- Abstract/citation and bibliographic records for subscribed content
- Daily content updates with up to 200,000 articles added each year
- Multiple search options
- Interactive reference linking
- Free email alerts

IEEE Leads Computer Hardware Technology

IEEE enables innovation as a leading developer and producer of content across a wide range of industries, from standards to conferences, eBooks, and eLearning courses for aspiring individuals and growing organizations. Below is a sampling of IEEE content.

Journals

- IEEE Transactions on Neural Networks & Learning Systems*—#3 in Computer Science, Hardware & Architecture
- IEEE Wireless Communications Magazine*—#1 in Computer Science, Hardware & Architecture
- IEEE Network*—#2 in Computer Science, Hardware & Architecture
- IEEE Transactions on Dependable and Secure Computing*—#4 in Computer Science, Hardware & Architecture
- IEEE Computer Architecture Letters*
- IEEE Computer Graphics and Applications Magazine*
- Computer Magazine*
- IEEE Transactions on Computers*
- IEEE Transactions on Games*
- IEEE Design and Test Magazine*
- IEEE Intelligent Systems Magazine*
- IEEE Transactions on Knowledge and Data Engineering*
- IEEE/ACM Transactions on Networking*

Source: 2020 Journal Citation Reports, (Clarivate Analytics, 2021)

IEEE Publishes Top-Cited Computer Content

- 4 of the top 5 journals in Computer Science, Hardware & Architecture
- 9 of the top 10 journals in Telecommunications
- 3 of the top 5 journals in Computer Science, Software Engineering

Source: 2020 Journal Citation Reports, (Clarivate Analytics, 2021)

Conferences

- IEEE Annual International Symposium on Field-Programmable Custom Computing Machines
- IEEE Conference on Engineering of Complex Computer Systems
- IEEE International Conference on Cloud Computing
- IEEE International Conference on Computational Intelligence and Computing Research
- IEEE Symposium on Security and Privacy
- International Conference on Advances in Electronics and Micro-electronics
- NASA/ESA Conference on Adaptive Hardware and Systems

Standards

- | | |
|------------|---|
| 1413-2010 | IEEE Standard Framework for Reliability Prediction of Hardware |
| 1667-2009 | IEEE Standard for Authentication in Host Attachments of Transient Storage Devices |
| 1800-2012 | IEEE Standard for SystemVerilog—Unified Hardware Design, Specification, and Verification Language |
| 1364-2005 | IEEE Standard for Verilog Hardware Description Language |
| 62530-2011 | SystemVerilog Unified Hardware Design, Specification, and Verification Language |

For more information about content types, please visit www.ieee.org/digitalsubscriptions

**Learn which IEEE subscription option is right for your organization.
Visit www.ieee.org/innovate**

Phone +1 800 701 IEEE (4333) (in the U.S.)
+1 732 981 0060 (worldwide)
Email onlinesupport@ieee.org