

PRESS RELEASE

Search Engine Market Fragmenting: Algorithm-based Solutions vs. TCAMs

Cypress Takes Lead in Search Engine Fray

MOUNTAIN VIEW, CA—May 26, 2004—Algorithmic search engines are emerging as a serious challenge to TCAMs, according to a new report released by The Linley Group. "A Guide to Search Engines and Networking Memory" examines the developing trends, technologies, growth, and consolidation in this dynamic market. The report also examines DRAMs for networking applications, which require better performance than currently available from mainstream DRAM memory.

"Despite significant vendor consolidation in 2003, the search engine market grew by 13%, and we expect to see another 25% growth in 2004," says coauthor and senior analyst, Jag Bolaria. "Cypress and IDT are leading this market, followed by startups NetLogic and SiberCore."

This report provides comprehensive coverage of two distinct types of chips: CAM-based search engines and networking DRAM. Search engine vendors covered include Cypress, IDT, NetLogic, SiberCore, HyWire, and many others.

"In 2003, most search engines shipped were TCAM based. We're seeing the emergence of algorithmic-based search engines as a low cost, low power solution for handling large route tables," says Linley Gwennap, coauthor and principal analyst at The Linley Group. "We expect Cypress to be the first major vendor to offer an algorithmic search engine and would not be surprised to see IDT follow suit."

Networking DRAMs are specialized memory components that can be used for algorithmic search-engines as well as buffering data. New in this edition is coverage of networking memory technologies including RLDRAM, FCRAM, and XDR RDRAM from vendors such as Micron, Toshiba, Samsung, Infineon, and Rambus. Will the market support all of these DRAM technologies? Which technology is better suited for networking application? The report examines these questions and offers projections for the developing DRAM landscape.

The report provides deep technical analysis and insight into product strengths and weaknesses with key details presented in a consistent, easy-to-compare fashion. The authors pay particular attention to product features, performance, architecture, system design, and vendor roadmaps. The Linley Group's expert analysis and conclusions help you identify critical differences in these products.

Which vendors are best positioned for success and which will fail? Only The Linley Group provides the deep technology analysis you need to understand this market. If you want to make informed business decisions in this market, "A Guide to Search Engines and Networking Memory" provides the crucial information you need.

Unlike typical market research, this report provides technology analysis rather than quantitative market data. Which solutions will win designs and why? How will these vendors be positioned as the search engine market continues to evolve? Only The Linley Group's unique technology analysis can provide this forward-looking view.

About The Linley Group

The Linley Group is the leading provider of independent technology analysis for the networking-silicon industry, covering emerging areas such as search engines, networking DRAM, network processors, communications processors, Gigabit Ethernet, switch fabrics, 802.11 chip sets, security processors, control-plane processors, high-speed interconnects, and storage networking processors. The company provides in-depth technology reports and interactive seminars as well as strategic consulting services tailored to the individual client. To get free access to The Linley Group's analysis of recent news and events in this market segment, subscribe to The Linley Wire, our e-mail newsletter. More information about The Linley Group is available at <http://www.linleygroup.com>.

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