

## Company Background

### COMPANY

Cavium Networks (NASDAQ: CAVM) is a provider of highly integrated semiconductor processors that enable intelligent networking, communications, storage, video and security applications. Cavium Networks offers a broad portfolio of integrated, software compatible processors ranging in performance from 10+ Mbps to 40Gbps that enable secure, intelligent functionality in Enterprise, Data-Center, Broadband/Consumer and Access and Service Provider equipment. Cavium Networks' processors are supported by ecosystem partners that provide operating systems, tools and application support, hardware reference designs and other services. Cavium Networks is headquartered in Mountain View, CA with design team locations in California, Massachusetts and India.

### PRODUCTS

Cavium Networks' portfolio includes:

- **OCTEON™ Multicore MIPS64 Processors:** Includes OCTEON II CN68XX and CN63XX, and OCTEON Plus CN58XX, CN57XX, CN56XX, CN55XX, CN54XX, CN52XX and CN50XX SoC processors. These processors provide a scalable range from one to thirty-two cnMIPS™ cores on a single chip along with the most advanced networking, security and application hardware acceleration. The cnMIPS™ core is Cavium's custom implementation of MIPS64 release 2, optimized for networking, and services with very low power consumption. Application hardware acceleration engines for QoS, packet processing, TCP, compression, encryption, RAID, de-duplication and pattern matching allow the family to deliver unmatched scalability, performance and integration in a fully compatible manner from 100 Mbps to full-duplex 40 Gbps of network performance. Flexible, standards-based I/O's including gigabit Ethernet, 10 gigabit Ethernet, PCI Express Gen 1&2, USB2.0, serial Rapid I/O (sRIOTM) and Interlaken enable flexible, high-bandwidth network and system connectivity.
- **NITROX® DPI Layer 7 Content Processors:** Includes NITROX DPI CN17XX processor and board family. These products provide leading L7 content processing performance with PCI-Express connectivity for enterprise routers and switches, data center networking appliances, integrated security appliances and service provider infrastructure. It includes innovative deep-packet inspection technology. The NITROX DPI CN17XX family includes four different products that range in performance from 4 to 20 Gbps in a software compatible manner.
- **NITROX® Security Processors:** Includes four families of security processors, NITROX, NITROX Lite, NITROX II and NITROX PX span in

performance from 50 Mbps to 10 Gbps of IPsec, SSL WLAN security, and 1K to 40K sessions/sec. These products provide a high degree of flexibility, hardware scalability and software compatibility, as well as the highest performance in the marketplace.

- **ECONA™ ARM Core Processors:** Includes two product lines based upon the distinct performance, feature and cost requirements of the target network connected home and office products. The ECONA CNS1XXX provides an integrated ARM cpu, comprehensive I/Os and hardware offload blocks for high performance home and office routers and gateways. The ECONA CNS2XXX provides even greater integration for the most cost and power sensitive home and retail network applications.
- **PureVu™ Video Processors:** Includes the CNW3XXX video processors and the CNW2XXX micro-mezzanine modules. The PureVu CNW3XXX provides industry-leading low latency, high channel density and low-power for HD and interactive video applications. The CNW2XXX modules provide ready-to-use low latency HD/SD processing for industrial and embedded video applications.
- **10Gbe Intelligent Network Adapters:** Includes the PCI-Express 10GbE Intelligent Network Adapters which are available in a full-height, half-length, single-slot PCI Express form factor. The PCI-Express 10GbE adapters support the OCTEON Plus CN56/57XX processors with up to 12 MIPS64 cores, and include integrated hardware acceleration for TCP, encryption/decryption, iSCSI, FCoE and compression/decompression.
- **Accelerator Boards:** Includes security accelerator and multifunction boards for security, compression and TCP applications that span from 50 Mbps to 10 Gbps in a variety of form factors including PCI/PCI-X and PCI-Express add-in cards and Gigabit Ethernet NICs.
- **FIPS 140-2 Level 2 and 3 Acceleration Boards:** Includes FIPS 140-2 Level 2 and 3 compliant security accelerator boards for customers with the highest level of security requirements. This scalable product family offers the best performance and price/performance to OEM customers targeting the highly security conscious government, financial and healthcare markets.

### Cavium Services and Solutions

Cavium Services and Solutions (CSS) provides a group of highly experienced Cavium Architects and Developers who are dedicated to help customers develop and accelerate OCTEON based software and systems. CSS offers dedicated services that complement Cavium Networks' Sales and customer support organizations.

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**CUSTOMER AND TARGET MARKETS**

Cavium Networks' products have been designed-in by the World's leading networking, wireless, storage and security vendors. Cavium Networks' design wins are at companies such as Alcatel-Lucent, Aruba Networks, Cisco, Citrix, F5 Networks, Furukawa Electric, GE Fanuc, IBM, Juniper, Motorola ECC, Netgear, Nokia, Radisys, Sofaware, Sonicwall, and Qualcomm.

**TARGET MARKETS**

Cavium Networks' products are used in a wide variety of networking applications including:

- **Enterprise Networks:** Routers, Security Appliance, WAN Optimization, and Enterprise Switch.
- **Data Centers:** Application Delivery Switch, XML Gateway, and Server Offload.
- **Broadband and Consumer:** Broadband Router, Triple Play Gateway, Retail and Small Office Wired and WLAN Router, VoIP Phone and Network Storage.
- **Access and Service Provider:** Security Gateway, Session Border Controller, Router, and Mobile 3G/4G Infrastructure.
- **Storage:** FC to IP Router, Disc Arrays, Switches, and TCP, compression, De-duplication and Security Offload.
- **Video Conferencing:** full 1080p with Sub-frame Latency.
- **Connected Home of Office Devices:** Broadband Multi-media Gateway, Connected Picture Frame and Intelligent Network Attached Storage.
- **netHD:** Video and game distribution via Ethernet, WiFi, Powerline and G.hn.
- **Embedded Video Processing:** Telemedicine, Distance Learning, Video Conferencing, Telepresence and Wireless Electronic News.
- **netHD:** HD IP Cameras, Multi-channel, and IP Video Servers.

**AWARDS**

Cavium Networks has received numerous awards recognizing the product line and company performance, including:

- 2008 Deloitte's Technology Fast 50 Winner for Silicon Valley Software and Information Technology (IT) companies
- 2007 Fabless Semiconductor Association Favorite Fabless Picks
- 2006 Cisco Systems Excellence in Technology Award
- 2006 SonicWALL Supplier of the Year Award

- 2006, 2004 & 2003 Fabless Semiconductor Association Most Respected Private Company WorldWide
- 2005 Fabless Semiconductor Association Outstanding Financial Performance by a Private Company
- 2005, 2004 & 2003 KPMG and AlwaysOn List of Top 100 Private Companies
- 2005 & 2004 EDN Best 100 Product of the Year (OCTEON)
- 2004 & 2003 AnalogZone Product of the Year (NITROX & GOLDEN GATE)
- 2004 & 2002 Product Awards at the Network System Design Conference (OCTEON & NITROX)
- 2002 Microprocessor Report Best Security Processor (NITROX)

**EXECUTIVE MANAGEMENT**

Cavium Networks is led by a seasoned management team with an average of over 20 years experience in developing and bringing to market state of the art semiconductor products.

- Syed Ali, President & CEO. Previously at: PMC-Sierra, Malleable Technologies (Founder), and Samsung
- Arthur Chadwick, Vice President of Finance & Administration and Chief Financial Officer. Previously at: Pinnacle Systems
- Rajiv Khemani, Vice President and General Manager, Networking & Communications Division. Previously at: Intel, NetApp and Sun Microsystems
- Anil Jain, Corporate Vice President of IC Engineering. Previously at: Compaq, DEC (Alpha Design Team)
- Muhammad Raghieb Hussain, CTO & Corporate Vice President of Software. Previously at: Cisco Systems and VPNet
- Amer Haider, Vice President, Corporate and Business Development. Joined Cavium Networks in 2001.
- Andrew Rava, Vice President of Sales and Field Applications. Previously at: Broadcom and Vitesse
- Syed Zaheer, Vice President of Operations. Previously at: IDT

**INVESTORS**

Cavium Networks is a publicly held company listed on NASDAQ with the ticker symbol CAVM.