



COMTECH AHA ANNOUNCES 10 GIGABITS/SEC HIGH SPEED GZIP DATA COMPRESSION BOARD

Based on company's industry-first GZIP chip, the AHA367-PCIe card allows for the highest data rate GZIP compression performance on the market

Melville, NY – July 28, 2009 – Comtech AHA Corporation, a wholly-owned subsidiary of Comtech Telecommunications Corp. (NASDAQ:CMTL) that develops technology for the communications, networking and data storage markets, today announced its latest high speed GZIP Data Compression Board (the AHA367-PCIe), which supports data throughput of over 10 Gbits/sec for the highest GZIP compression throughput on the market.

The AHA367-PCIe allows network transmission and network storage appliance customers to significantly reduce the amount of data that is transferred through or stored within their systems. Along with reducing latency, bandwidth and storage requirements, it also eases the loading of precious resources inside of these appliances by off-loading the data compression task from the core Central Processing Units (CPUs).

The system is based on Comtech AHA's AHA3610 design -- the industry's first-ever GZIP compression and decompression integrated circuit (IC), which offers up to 2.5 Gbits/sec throughput via hardware, while also giving significant power saving over GZIP software compression. The architecture of the AHA367-PCIe card allows for easy migration for current customers of the existing AHA363-PCIe card with little or no changes to existing software drivers required.

“With the announcement of the AHA367-PCIe high speed compression card, Comtech AHA has again demonstrated our commitment to the GZIP data compression market,” stated Bill Thomson, president, Comtech AHA. “This Compression Board, coupled with our GZIP Compression IC, solidifies our leadership position in this growing facet of the networking and storage industry. Because our products are based on open standard algorithms and do not require license fees or royalties, they are a compelling choice over competing solutions while delivering the highest performance level.”

Based on the Open Standard GZIP Data Compression Algorithm, the AHA367-PCIe card supports full-duplex streaming of over 10.0 Gbits/sec uncompressed data using an industry standard X8 lane PCI-Express Interface. The system achieves GZIP compression ratios at an average of three to one.

Product Features:

- 3.6:1 Canterbury corpus compression ratio
- Full GZIP algorithm compliance
- X8 PCI Express Interface
- Uses 4 AHA3610 IC's
- 10.0 Gbits/sec uncompressed throughput
- Efficient scatter gather DMA
- Single stream or intermixed streams
- Full duplex operation
- Software drivers and source code
- Linux and Windows reference drivers

**Availability**

Prototypes of the AHA367-PCIe are available to beta customers now and production quantities will be available in the third quarter of calendar 2009.

More information may be obtained by contacting Comtech AHA by telephone 208-892-5600 or via e-mail at sales@aha.com.

About Comtech AHA

Comtech AHA Corporation develops and markets application-specific integrated circuits (ASICs), boards, and intellectual property core technology for communications systems architects worldwide. Comtech AHA provides flexible, cost-effective solutions for today's growing bandwidth and reliability challenges. Located in Moscow, Idaho, Comtech AHA has been providing leading edge Forward Error Correction and Lossless Data Compression technology for more than two decades and offers a variety of standard and custom IC solutions for the data communications industry. Comtech AHA Corporation is a wholly owned subsidiary of Comtech Telecommunications Corp. (NASDAQ:CMTL). For more information, please visit www.aha.com.

Comtech Telecommunications Corp. designs, develops, produces and markets innovative products, systems and services for advanced communications solutions. The Company believes many of its solutions play a vital role in providing or enhancing communication capabilities when terrestrial communications infrastructure is unavailable or ineffective. The Company conducts business through three complementary segments: telecommunications transmission, mobile data communications and RF microwave amplifiers. The Company sells products to a diverse customer base in the global commercial and government communications markets. The Company believes it is a market leader in the market segments that it serves.

Certain information in this press release contains statements that are forward-looking in nature and involve certain significant risks and uncertainties. Actual results could differ materially from such forward-looking information. The Company's Securities and Exchange Commission filings identify many such risks and uncertainties. Any forward-looking information in this press release is qualified in its entirety by the risks and uncertainties described in such Securities and Exchange Commission filings.

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