

# Napatech Announces New Feature Set for Their NT4 Family of 1GbE High-Performance Network Adapters

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ANDOVER, Mass., Sept. 18 (SEND2PRESS NEWSWIRE) – INTEROP – Napatech today announces the latest release called NEWARK for their NT family of 1 Gbps high-performance network adapters for PCI-Express. The NEWARK release includes these new additional features to the earlier announced ANAHEIM and TUCSON software releases:



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- \* Aimed at the new generation 4-port 1 Gbps PCI-Express adapter family named NT4
- \* HW support for the 4-port 1 Gbps expansion modules named NTPORT4
- \* NT4 with an NTPORT4 module provides a unique 8-port adapter at a very attractive port price
- \* Expanded DMA-based statistics module off-loading the host CPU from data collection
- \* Extended RMON1 (RFC2819) EtherStats for both captured and discarded frames
- \* Statistics per filter (64) and per host buffer (32)

“The new 4- and 8-port combinations available with this new family of PCI-Express adapters enable our OEM customers to provide very advanced solutions with a high port density at an attractive price point. The NT4 family carries all features previously announced in the ANAHEIM and TUCSON release plus the above new feature set, a true new platform for the future,” says Nick Arraje, VP of Sales North America at Napatech.

The DMA-based statistics further enhance the comprehensive Napatech set of statistics already available. The full RMON standard extended with jumbo frame counters on a per-port basis are now available for both captured and discarded frames. The NEWARK release further brings a number of useful “good/bad” statistics per filter (64) and per host buffer (32). These statistics are presented as “snapshots,” which are transferred to the host through a separate DMA process followed by a time stamp. The new advanced statistics allow appliances/applications to present a very detailed view of the network traffic at practically zero CPU load.

The new features described above are added to the already feature-rich product line offered to Napatech’s OEM customers. The high-performance adapters already include line rate capture and processing of frames up to 20 Gbps, 10 ns time-stamping of every packet, channel merging, frame classification, conditional dynamic slicing, 64 user-programmable filters, packet coloring, deduplication, support for 32 CPU cores, and more. The feature set supports Linux, FreeBSD and Windows, and includes a programming interface and development tools.

## **About Napatech**

Napatech is a leading OEM supplier of multi-port 1GbE and multi-port 10GbE high-performance network adapters. The core idea is to off-load real-time/streaming protocol, payload analysis and control applications traditionally implemented in software or proprietary hardware. Napatech expects a huge growth in the demand for intelligent and programmable adapters as Ethernet speeds increase, since the current PC architecture limits the amount of processing that can be achieved. Napatech has sales, marketing and R&D offices in Mountain View, California, Andover, Massachusetts, and Copenhagen, Denmark.

For more information please visit: [www.napatech.com](http://www.napatech.com)

or contact:

North America  
Nicholas Arraje, VP of Sales  
1-888-318-8288 ext. 707  
[nick.arraje@napatech.com](mailto:nick.arraje@napatech.com)

Europe  
Stig Bang, Sales Director  
+45 4038 3403  
[sb@napatech.com](mailto:sb@napatech.com)

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