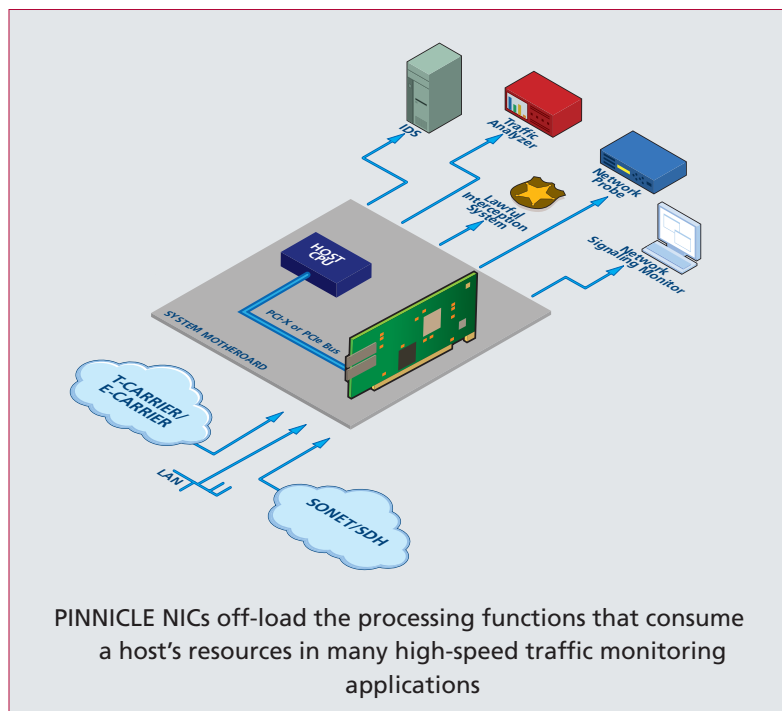


PINNICLE™ Family

The PINNICLE family of NIC Adapters is NetQuest’s answer for system developers looking to leverage standards-based computing platforms for networking applications. The PINNICLE family is specifically designed to help optimize the performance of high-speed monitoring platforms by off-loading and pre-processing the traffic for more efficient use by the host. Each member of the family operates at its specified full line rate with zero packet loss, making PINNICLE NICs an excellent choice for mission critical applications like intrusion detection, performance monitoring, and interception.

PINNICLE NICs help companies developing commercial probes as well as those using open source applications like Snort® and Wireshark® expand their addressable market by providing their applications with access to a wide range of WAN and LAN interfaces. With both PCI-X and PCIe bus architectures and easy-to-use drivers, integration into a monitoring platform is made simple which, in turn reduces time to market and lowers development cost.



Common features shared by all PINNICLE family members include:

- Non-intrusive access using TAPs
- Link level statistics and alarms
- Time stamping of traffic upon arrival
- Protocol inspection on all layers

The following table provides an overview of the PINNICLE family’s protocol and line speed support. For more details on each of the PINNICLE NICs, please see the technical specification sheets.

NIC	Network Technology			Bus		Max # Ports per Interface								
	POS	ATM*	TDM	Ethernet	PCI-X	PCIe	OC192/STM-64*	OC48/STM-16*	OC12/STM-4	OC3/STM-1	10GigE	GigE	T3/E3	T1/E1
Alta	✓	✓	✓	-	✓	✓	-	-	2	2	-	-	2	4
Tahoe	✓	✓	✓	✓	✓	-	-	-	3	3	-	3	-	-
Aspen	✓	✓	✓	✓	✓	✓	-	2	4	4	-	4	-	-
Vail	✓	-	✓	✓	-	✓	2	-	-	-	2	-	-	-

*Support for monitoring applications only. Consult NetQuest for more details.