

# TAHOE

Tahoe is a member of NetQuest's **PINNACLE™** family of NIC Adapters. It is designed to capture, inspect, and forward traffic in SONET/SDH and Ethernet networks. The following table lists Tahoe's technical specifications. For more information on Tahoe, please email NetQuest at [info@netquestcorp.com](mailto:info@netquestcorp.com).



	SPECIFICATION	NOTES
<b>PHYSICAL INTERFACES</b>		
Number of Interfaces	3 (Maximum)	Supports a mix of line speeds and protocols
Interface Type	Small Formfactor Pluggable (SFP)	
Optical Fiber Modes	Singlemode, Multimode	
WAN Transceiver Types	SR-1, IR-1, LR-1, LR-2	
LAN Transceiver Types	SX, LX, 1000BT	
<b>NETWORK INTERFACES</b>		
Ethernet	GigE (IEEE 802.3)	Support for bridged MPLS, PPP, MLPPP, IP, Frame Relay
<b>SONET/SDH</b>		
<i>Concatenated</i>	OC3c/STM-1c (155Mbps)	Support for POS and ATM
	OC12c/STM-4c (622Mbps)	
<i>Channelized</i>	OC3/STM-1 (155Mbps)	Multichannel HDLC and ATM support for Broadband (VC3/4), Wideband (VC11/12), and Narrowband (64Kbps, Nx64Kbps, and DS0) TDM channelization
	OC12/STM-12 (622Mbps)	
<b>OTHER SPECIFICATIONS</b>		
Host Bus Operation	PCI-X 64bit/133MHz or 64bit/66MHz	
Size	Full height, custom length NIC board	
Power	18 W (Maximum)	
Operating Temperature	32 - 131 degrees F (0 - 55 degrees C)	
Humidity	10-90% non-condensing	
Options	Co-processor for complex traffic processing tasks	

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