



ASPEN

Aspen 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 Aspen's technical specifications. For more information on Aspen, please email NetQuest at info@netquestcorp.com.



	SPECIFICATION	NOTES
PHYSICAL INTERFACES		
Number of Interfaces	4 (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	
NETWORK INTERFACES		
Ethernet	GigE (IEEE 802.3)	Support for bridged MPLS, PPP, MLPPP, IP, Frame Relay
SONET/SDH		
<i>Concatenated</i>	OC3c/STM-1c (155Mbps)	Support for POS and ATM
	OC12c/STM-4c (622Mbps)	
	OC48c/STM-16c (2500Mbps)*	
<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-4 (622 Mbps)	
	OC48/STM-16 (2500 Mbps)*	
OTHER SPECIFICATIONS		
Host Bus Operation	PCIe (4 lane); PCI-X 64bit/133MHz or 64bit/66MHz	
Size	Full height, half length NIC board	
Power	20 W (Maximum)	
Operating Temperature	32 - 131 degrees F (0 - 55 degrees C)	
Humidity	10-90% non-condensing	

*Maximum of 2 ports supported

NetQuest Corporation • 523 Fellowship Road • Mount Laurel, NJ 08054 USA • +1.856.866.0505 • Fax: +1.856.866.2852 • Email: info@NetQuestCorp.com

NetQuest Corporation designs, manufactures and markets innovative monitoring access products for applications in telecommunications service provider, government, and enterprise networks. Founded in 1987 and based in Mount Laurel, New Jersey, NetQuest is privately held and operates under the original management team. With more than a 20 year track record of providing cutting edge monitoring access solutions, NetQuest has developed a global customer base, marketing directly and through a network of value added resellers and representatives.