



# VAIL



Vail 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 Vail's technical specifications. For more information on Vail, please email NetQuest at [info@netquestcorp.com](mailto:info@netquestcorp.com).

	SPECIFICATION	NOTES
<b>PHYSICAL INTERFACES</b>		
Number of Interfaces	2 (Maximum)	10 GigE and/or OC192/STM-64
Interface Type	10 Gigabit Small Formfactor Pluggable (XFP)	
Optical Fiber Modes	Singlemode, Multimode	
WAN Transceiver Types	SR-1, IR-2, IR-3, LR-2	
LAN Transceiver Types	10GBase-SR/SW, 10GBase-LR/LW	
<b>NETWORK INTERFACES</b>		
Ethernet	10GigE (IEEE 802.3ae)	
<b>SONET/SDH</b>		
<i>Concatenated</i>	OC192c/STM-64c (9.953Gbps)	Support for POS
<i>Channelized</i>	OC192/STM-64 (9.953Gbps)	Multichannel POS and HDLC support for additional TDM channelization
<b>OTHER SPECIFICATIONS</b>		
Host Bus Operation	PCIe 1.1 (8 lane)	
Packet Time Stamping	5 nsec Clock Resolution	
Packet Slicing	Fixed or Variable	
Packet Filtering	Layers 1-5	
Size	Full height, half length NIC board	
Power	25 W (Maximum)	
Operating Temperature	32 - 131 degrees F (0 - 55 degrees C)	
Humidity	10-90% non-condensing	

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