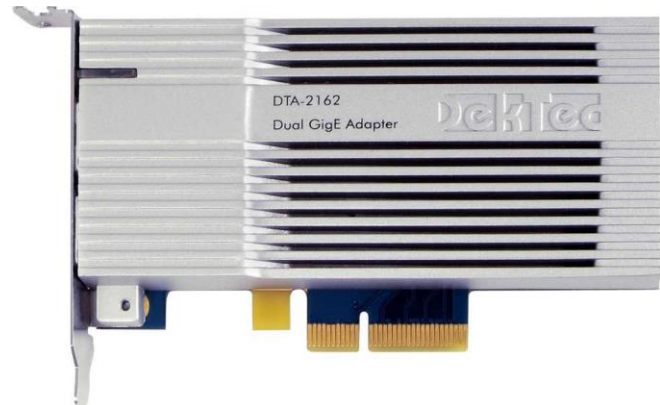


# Advanced Network Card with Dual GigE Ports

- ❑ Hardware acceleration for TS-over-IP
- ❑ High capacity, up to 950Mbps per port
- ❑ Hitless protection of SMPTE-2022 streams

## FEATURES

- Two GigE network ports with hardware acceleration for transmitting or receiving 100+ simultaneous DTV streams
- Simplifies generation and consumption of TS-over-IP streams in your application using DekTec’s acclaimed DTAPI
- Advanced hardware-based IPv4 and IPv6 address matcher to offload the driver
- Dedicated packet-scheduling engine to stream over IP with minimal jitter
- Firmware support for acquiring DTV streams with jitter monitoring
- TCP/IP task offloading to save CPU cycles
- Standard Windows and Linux network stack
- Extensive VLAN support to enhance QoS of critical streams
- Network redundancy with seamless switching, while your application sees a single virtual port for writing or reading



- Low and standard-profile bracket available
- PCI Express x4; Low profile

## APPLICATIONS

- Highly-available IP-based encoding, transcoding and multiplexing systems
- TS-over-IP processing of 100s of streams
- Monitoring fully loaded GigE links

## KEY ATTRIBUTES

Parameter	Value
Physical layer	IEEE 802.3ab
Number of ports	2
Data rate	100/1000 auto
Connector	2x RJ-45 with LEDs
IP protocol version	IPv4, IPv6
VLAN	IEEE 802.1Q
Maximum aggregated rate	950Mbps per port
Simultaneous streams	200+
TS-over-IP protocol	UDP or RTP
IP FEC	SMPTE 2022-1
IP encapsulation	SMPTE 2022-2
PCI Express	v1.1; PCIe x4

## PC REQUIREMENTS

OS	XP, 2k3/2k8, Vista, 7, 8/8.1, 10 Linux ≥2.6.32, 3.x, 4.x
Platform*	Core i7, 8GB RAM, 64-bit OS

\* Recommended

## ORDERING INFORMATION

Type	Description
DTA-2162-SLP	Dual GigE ports for PCI Express with <i>StreamXpert Lite</i> and <i>StreamXpress</i>
DTA-2162-J-SXP	DTA-2162-SLP with <i>DtJitter</i> and <i>StreamXpert</i>
DTA-2162-OEM	Please contact DekTec for OEM applications of the DTA-2162

Please refer to [www.dektec.com](http://www.dektec.com) for the latest pricing and a list of distributors and resellers.