



H.100 PCI VoIP Board

The AMTELCO XDS H.100 PCI VoIP (Voice over Internet Protocol) Board is designed to function as a cost-effective H.100 and T1/E1 TDM to VoIP Ethernet gateway. This board allows for 96 to 600 concurrent VoIP sessions, depending on the DSP configuration. The board may be configured with two DSPs (257L111), four DSPs (257L113), or six DSPs (257L115).

The XDS VoIP board includes two 1-gigabit Ethernet ports, and four T1/E1 ports with PRI, ISDN 30, and Q.SIG protocols available. The board currently supports the following encoding protocols: G.711, G.723, G.729A, G.729B, G.729A/B and G.726.

The XDS VoIP board encodes/decodes, packetizes, and routes data between the T1/E1 or H.100 bus, and either of the two Ethernet ports. Common Ethernet features are supported.

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Drivers are available for Microsoft® Windows®, 2000/XP/NT, Linux, UnixWare, Solaris, Gentoo Linux 2006.0 (kernel 2.6), and Fedora Core 3 (kernel 2.6) operating systems.

Approvals

- CE Approval
- RoHS Compliant
- FCC Part 15 Class A
- ETSI TBR4 Compliant

XDS H.100 PCI VoIP Board Environmental Specifications:

TEMPERATURE EXTREMES:

Operating: 0°C (+32°F) to +50°C (+122°F).

Storage: -40°C (-40°F) to +70°C (+158°F).

AMBIENT HUMIDITY:

Designed to withstand ambient relative humidity from 0% to 100% non-condensing in both operating and storage conditions.

MTBF:

50,000 hours

MECHANICAL:

All *Infinity* Series H.100 boards conform to PCI-SIG mechanical specifications for full-length PCI cards.

ELECTRICAL REQUIREMENTS:

+5 volts $\pm 5\%$ @ 5.0 amps maximum.

± 12 volts, +3 volts, and -5 volts are not required.

5.08