TurboComm PCI 56K Modem

PCI specifications compliant

Model Number: I105

General Descriptions

The TurboComm PCI Analog Modem is a standard ITU-T V.92, V.90 and K56flex Modem.

With its standard PCI interface, which comply with PCI specification v2.2, the TurboComm PCI 56K Modem can be installed in any standard PCI slot of PC. Prominent bandwidth advantage accelerated the data transmission.

Features and Benefits

V.44 and V.92 new features. Modem-on-hold, Quick connect and PCM upstream.

Host Signal Processing for both controller and data pump. Low cost design, Low power consumption, less real estate.

Robust hardware component supports software-only upgrades. Users stay current with the least communications technology.

ITU-T V.92 Data Mode with auto-fall back to V.90/K56flex. High-speed 56Kbps data transfer with maximum degree of interoperability. Data modem with receive rates up to 56kbps and send rates up to 48kbps(V.92 mode) or up to V.34 rates(V.90 mode)

Designed for Windows 98SE/ME/2000 and Windows XP. Microsoft's PC 2001 Design Initiative compliant.

Group III, Class 1 Fax. Fax transfers up to 14.4kbps, with T.30 protocol.

Video Phone Ready. Interface to H.324 video conferencing.

Answering Machine. Use the PC as a telephone attendant and allows for remote message retrieval.

ACPI Power Management with PME pin and 3.3V aux. supply. Reduced power consumption and wake PC from D3 Cold state.

Specifications

Data Mode
V.92 & V.90, K56flex, V.34, V.32bis, V.32, V.22bis, V.22, V.23, V.21, Bell 212A, Bell 103
Error Correction
V.42 LAPM & MNP 2-4
Data Compression
V.44, V.42bis & MNP5

Fax Mode
- ITU-T V.17, V.29, V.27ter and V.21 Channel 2(G.711)
- EIA/TIA 578 Class1 and T.31 Class 1.0 commands

Voice, Telephony
- V.253 commands
- 8-bit μ-Law/A-Law coding
- 8-bit/16-bit linear coding
- 8kHz sample rate
- TAM support with concurrent DTMF detect, ring detect and Caller ID (USA and Canada)
- Supports Software Speaker -phone

Multiple country support
- Call progress, blacklisting
- Caller ID (USA and Canada)

Video Phone Ready Modem
- V.80 sync access mode supports host-controlled communication protocols
– H.324 interface support

V.8/V.8bis and V.251 commands

Power Management
- ACPI Power Manager Registers
- PME# and APM support

Other Telephony Features
- Data/Fax call discrimination
- Single profile stored in host
- Modem and audio paths concurrent across PCI slot
- DTMF

Interface
PC: PCI Specification 2.2

Power
Modem power input: 3.3VDC, 5VDC
Power Consumption
- Sleep mode: 25mW
- Idle Mode: 220mW
- Operating Mode: 300mW

Mechanical
Size: 133mm(width) x 21mm (depth) x 124mm (height)
Net Weight: 70 g

Environmental
Operating temperature
0°C ~ 40°C
Humidity
10 % ~ 90 % (non-condensing)
Storage temperature
-20°C ~ 60°C

System Support
- CPU**:** Pentium MMX 200Mhz and above, and compatible CPU
- Memory: 64Mbytes
- HDD space: 8Mbytes or above

Operating System Support
Windows 98SE
Windows ME
Windows 2000
Windows XP

Sales and Service Points

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