

## TurboComm PCI 56K Modem

PCI specifications compliant



**Model Number: I306**

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### General Descriptions

The TurboComm PCI Analog Modem is a standard ITU-T V.92 and V.90 Modem. With its standard PCI interface, which comply with PCI specification 2.2, 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.** Quick connect, PCM upstream and Modem On Hold

**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/V.90 Data Mode with auto fallback to V.34.** High-speed 56Kbps data transfer with maximum degree of interoperability.

**Designed for Windows 98, 2000, Windows Me, NT 4.0 and XP.** PC2001 Logo compliant.

**Group III, Class 1 Fax.** Fax transfers up to 14.4kbps, with T.31 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 supply.** Reduced power consumption.

## Specifications

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### Data Mode

V.92 & V.90, 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 ch1
- ITU-T T.31 Class1 FAX

### Voice, Telephony (TAM models)

- TIA-695 command set
- 8-bit  $\mu$ -Law/A-Law/linear coding
- 8000 Hz sample rate
- TAM support with concurrent DTMF detect, ring detect and Caller ID (USA and Canada)

### Video Phone Ready Modem

- V.80 sync access mode supports host-controlled communication protocol
- H.324 interface support

### V.8/V.8bis and AT commands (V.25ter with Annex A)

#### Multiple country support

- Call progress, blacklisting

#### Power Management

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

#### Other Telephony Features

- Data/Fax/Voice 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:** 55 g

### Environmental

#### Operating temperature

0°C ~ 55°C

#### Humidity

10 % ~ 90 % (non-condensing)

#### Storage temperature

-20°C ~ 60°C

### System Support

- CPU: Pentium / K6 200Mhz and above, and compatible CPU
- Memory: 32Mbytes or above
- HDD space: 4Mbytes or above

### Operating System Support

- Windows 98
- Windows 2000
- Windows Me
- Windows NT 4.0
- Windows XP

## Sales and Service Points

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### Headquarters

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