

INTERNAL V.92 PCI DATA/FAX/VOICE MODEM AMI-IA56/IE56



AMI-IA56 & AMI-IE56, Intel's Host Accelerated Modem (Controller-Less) solution with complete set

of industry standard features for high speed data, fax and voice applications.

FEATURES

- Support ITU-T V.92/V.90 standard with receive rates up to 56Kbps and transmit rates up to 48Kbps and 33.6Kbps respectively.
- Fax mode with transmit and receive rates up to 14.4Kbps.
- Support PnP specification.
- PCI Rev. 2.2 compliant.
- Microphone and speaker I/Os for full duplex speakerphone function.
- Data/Fax/Voice communication software suit provided.

SPECIFICATION

DATA MODE

- ITU-T V.92 data mode with receive rates up to 56Kbps and transmit rates up to 48Kbps.
- ITU-T V.90 data mode with receive rates up to 56Kbps and transmit rates up to 33.6Kbps.
- ITU-T V.34, V.32 bis, V.32, V.22 bis, V.22, V.23, and V.21; Bell 212A and Bell 103.
- ITU-T V.42 LAPM and MNP 2-4 error correction.
- ITU-T V.44, V.42 bis and MNP 5 data compression.
- RTS/CTS and XON/XOFF Flow Control.
- TIES "AT" command set.

FAX MODE

- Fax mode with send and receive rates up to 14.4Kbps.
- ITU-T V.17, V.29, V.27 ter, and V.21 channel 2.
- EIA/TIA 578 Class 1 and T.31 Class 1.0 commands.

VOICE MODE

- Full-duplex, echo-cancelled digital speakerphone.
- ADPCM, Linear and CL1 Voice Compression.
- Up to 11Khz Sampling Rates.
- IS-101 Voice commands..

HARDWARE INTERFACE

- Two RJ-11 jacks for line and phone connection.
- Two audio jacks for speaker and microphone connection.
- PCI Rev. 2.2 compliant interface for host computer.

OS SUPPORT

- Windows 9X
- Windows ME
- Windows 2000
- Windows NT
- Windows XP

SYSTEM REQUIREMENT

- Pentium II compatible processor and above
- 64MB RAM or more
- 50MB of free disk space for driver installation
- CD-ROM drive

MECHANICAL

- PCB Dimension : 12cm (L) X 6.3cm (W) X 1.6mm (H)
- Weight: 76 g

ORDERING INFORMATION

Rev: 1.1

APPROVAL

<input type="checkbox"/> FCC Part 15/68	<input type="checkbox"/> PSTN01
<input type="checkbox"/> CE Mark	<input type="checkbox"/> UL
<input type="checkbox"/> EN60950	
<input type="checkbox"/> R&TTE	
<input type="checkbox"/> BSMI (CNS13438)	

MODEL	DESCRIPTION
AMI-IA56	Internal V.92 DATA/FAX/TAM MODEM- FCC Version
AMI-IE56	Internal V.92 DATA/FAX/TAM MODEM – R&TTE Version