

# ATRIE 56K



## FEATURES

- Conexant Hardware base SC56D solution
- MNP10 dynamic data rate fallback/forward mobile operation
- Internal models with PnP/Legacy dual mode
- Voice option for voice mail application
- Internal model uses 16550/A compatible enhanced UART
- For sustained DTE speed of 115,200 bps
- Downstream to 56K bps, upstream to 33.6K bps

## OPTIONS:

Application Software - Communication Programs (Data, Fax and Voice)

Driver - Supports Windows 98/NT 4.0/Windows 2000/ME/XP

## SPECIFICATIONS

### Modem Operation

Line Rate	0.3, 1.2, 2.4, 4.8, 7.2, 9.6, 12, 14.4, 16.8, 19.2, 21.6, 24, 26.4, 28.8, 31.2, 33.6, 56 Kbps
DTE Rate	115200 bps maximum
Operation	Half or full-duplex over 2-wire dial-up line
External	Asynchronous
Internal	Asynchronous
Linking	Auto dial/answer, auto bauding, MNP10 auto fallback/forward
Flow Control	RTS/CTS, XON/XOFF (software selectable)
Compatibility	Bell 103; 212A, ITU-T V21; V.22; V.23; V.22bis; V.32; V.32bis; V.34; K56flex; V.90; V.92
Error Correction	ITU-T V.42, MNP4 (auto-match)
Data Compression	ITU-T V.42bis, MNP5(auto-match)
Receive Sensitivity	-36 dBm
Command Set	AT command and Escape sequence
Memory	2 configurations profile, 4 sets telephone number
Diagnostics	Power on self-test, V.54 loop test

### Fax Operation

Speed	14400 bps(upgradeable to 28800 bps, option)
Compatibility	Group 3 with T.30 protocol over ITU-T V.17; V.21 ch2; V.27ter; V.29
Command Set	TR-29 Class 1

### Voice Operation

Operation	Analog Simultaneous Voice and Data (ASVD); telephone answering machine (TAM); voice mail system
Sampling Rate Voice	7.2KHz using 2,3 or 4 bits ADPCM; 11.025 KHz linear PCM
Audio Span	ITU-T V.61 modulation (ASVD, option in feature) Full-duplex speakerphone mode Acoustic and line echo
FDSP	cancellation Microphone gain/muting, Speaker volume control/ muting
ITU-T V.80	V.80 and Conexant Video Ready synchronous access modes support host-based communication protocols

**General**

Indicator	5 LEDs (external models)
Configuration	PnP ISA or jumpers for COM1/2/3/4, IRQ3/4/5/7/9/10/11/12/15
Line Interface	2 x RJ-11 for line and telephone
DTE Interface	
External	DB-9 EIA-RS232C (V24) 16500/A compatible UART with 16 byte double-buffered FIFO; PC, PC/XT, PC/AT bus
Voice Interface	2 x mini phone jacks from microphone input and audio output (voice models)
Ambient Temp.	0 to 50C
Relative Humidity	10 to 95% non-condensing
Power	110/220 Volt, 50/60 Hz (external models)

**Atrie Technology Inc.**

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