

VoiceLink- 2/4/8L

2/4/8-Port (TAPI) Analog Voice Board - support advanced outbound call



VOICE



FAX



VoIP



TAPI



How to Buy

Features

- Up to eight independent voice processing ports supporting low-to medium-density voice systems in a single PC (PCI Bus or PCI-X Bus for Servers; for Windows 2000, 2003 and Windows XP)
- New EasyTAPI 4.0.0 driver supports [Windows Vista](#) and new CPUs and MB chipsets from Intel and AMD
- A-law or u-law voice coding with data rates 32 Kb/s or 64 Kb/s and support 16-bit audio format
- Configure multiple boards in a single PC for easy and cost-effective system expansion, capable of scaling from 2 to 80 ports
- Caller ID detection, supports FSK as well as DTMF; Caller Name and Called ID if available
- Full duplex voice channels for VoIP applications (with Proper Driver)
 - Advanced Outbound Call support (SIT, BeeperTone and silence detection for Answering Machines)
- Shipped with EasyTAPI 4.0.0 CD for simple driver installation and maximum PC compatibility
- Support LC Drop / Polarity Reversal detection
- Detailed call progress setting (With Setting Option in TSP)

Applications

- Interactive Voice Response (IVR)
- Automatic Call Distribution (ACD)
- Unified Messaging System (UMS)
- Unified Communication (UC) ; (Check with CallURL Inc. for Phone Dictation Enhancements)
- TAPI-compliant AA, VM and Recording applications (Many available, consult your dealers for details)
- Power Dialer Development (Suggesting using IVR II for better support. TAPI consulting optional charged)



Technical Description

Configuration

The VoiceLink - 2/4/8L provides telephone line interface circuits for direct connection to 2,4,or 8 analog loop start lines. Up to 10 VoiceLink boards can be installed in PCI slots of a single PC chassis enabling port expansion up to 80 ports per system.

Network Interface

The VoiceLink -2/4/8L supports powerful call progress analysis, provides parameters programmable for country-specific regulation ,enhanced DTMF detection & cut-through, plus PABX -specific tone detections. Quality 16-bit formatted voice can be recorded in ADPCM, PCM or WAV formats.

Open Architecture

The VoiceLink boards share a common driver architecture with other CallURL Voice boards and boxes, offering users and developers with the maximum in flexibility and scalability. All CallURL Voice products support standard TAPI and wave drivers for Windows 2000, 2003 and Windows XP (Home or Pro. editions)

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Technical Specifications

General

- .. Number of ports: 2, 4, 8
- .. Speaker Jack & Optional Aux input
- .. Max. boards per system: 10
- .. Digital signal processor: TI TMS 320VC5402 @100 MIPS

Host Interface

- .. Electrical: Rev. 2.3 of PCI bus specification
- .. Bus speed: 33 MHz maximum
- .. Shared memory: 256 KB dual port static memory
- .. Address and interrupts configured automatically by PnP BIOS or PnP OS
- .. Board ID: by rotary switch to uniquely assign board ID

Telephone Interface

- .. Line interface: Loop-start
- .. Connectors: Four RJ-14 jacks. RJ11 adapter cable for -8L
- .. Return loss: 20 dB min (300 to 3300 Hz at 600 Ohms impedance)
- .. Caller ID: International Caller ID capability via on-hook audio path

Audio Signal and Interface

- .. Audio I/O jacks: Speaker output; Optional AUX input
- .. Automatic gain control (AGC)
- .. Silence detection: programmable (nominal: -44 dBm)
- .. Call progress monitoring: standard and custom frequency based. Optional DTMF Tuning and ACG control

Audio Encoding

- .. Sample rate: 8KHz
- .. 32 Kbps OKI ADPCM
- .. 64 Kbps A-law PCM
- .. 64 Kbps windows 8-bit or 16-bit PCM

DTMF Tone Detection

- .. DTMF digits: 0 to 9, *, #, A, B, C & D
- .. Dynamic range: -36 dBm to -3 dBm per tone
- .. Tone duration: 40 ms (minimum)
- .. Acceptable twist: 10 dB

Tone Dialing

- .. Transmit level: normal at -6.0dBm (high), -8.0dBm (low), parameters programmable
- .. Frequency variation: < 1%

SIP VoIP Support

- .. Full-duplex transfer from PSTN to VoIP
- .. Good sound quality support multiple channelsV

Bundled Drivers and Software

- .. Bundled with TAPI and wave drivers for Windows 2000, 2003, Windows XP and Windows Vista

Software Compatibility

- .. Microsoft TAPI and wave driver compliant applications

Power Requirements

- .. +5V @ 0.5A
- .. +3.3V @ 0.5A
- .. +12V @200mA
- .. -12V @200mA

Size

- .. 215mm (L) x 107mm (H); 12.283" (L) x 4.2" (H)

Certification

- .. Telephone network: FCC Part 68
- .. EMI: FCC Part 15, Class B
- .. BSMI / TAIWAN

Environment

- .. Operating temperature: 0 ° to 50 ° C (32° to 122 ° F)
- .. Storage temperature: -20 ° to 65 ° C (4° to 149 ° F)
- .. Humidity: 10 to 80%, non-condensing

Ordering Information

VoiceLink - 2

2-port PCI bus analog voice board, with 4.0.0 TAPI driver

VoiceLink - 4

4-port PCI bus analog voice board, with 4.0.0 TAPI driver

VoiceLink -8

8-port PCI bus analog voice board, with 4.0.0 TAPI driver

[How to Buy](#)