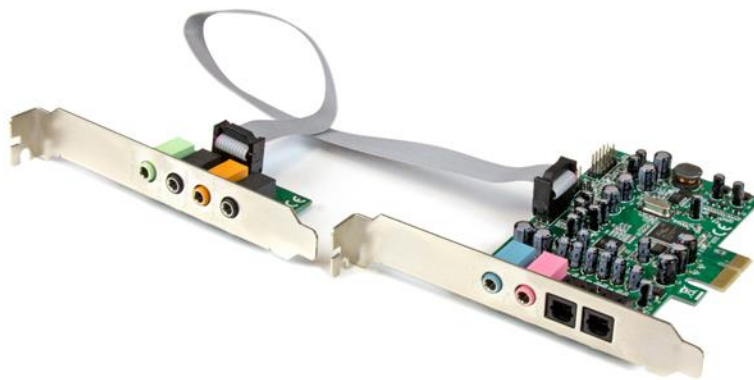


## 7.1 Channel Sound Card - PCI Express, 24-bit, 192KHz

Product ID: PEXSOUND7CH



With this 7.1-channel PCIe sound card, you can create a high-quality home theatre sound system. It offers SPDIF input and output ports which deliver crystal-clear digital optical audio, for the ultimate listening experience.

### Versatile performance

The versatile sound card can be used with a variety of audio devices. And with SPDIF digital optical or 3.5mm analog output, you don't need to worry about the connection types on your devices. You can output digital audio to your optical receiver or DAC, or analog audio to your sound system.

With up to 24-bit and 192KHz playback and recording, this 7.1 surround sound adapter card delivers high-definition audio for superb sound quality.

## **Simple installation**

Unlike typical sound cards, this card is designed to fit in low-profile computers, making it ideal for home theatre personal computers (HTPC). It spans the multiple ports across a main card plus an innovative separate header bracket. The card is configured with standard profile brackets and includes low-profile (half-height) brackets.

The 7.1 channel surround sound card is easy to install. It's perfect for anyone looking for a simple solution to upgrade their listening experience, such as music enthusiasts or mixing professionals.

## **Multiple input options**

For added scalability, you can quickly connect a microphone or other recording devices to your computer through two 3.5mm stereo or SPDIF digital audio input jacks.

The PEXSOUND7CH is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Build an inexpensive home theater PC or turn your existing desktop into a media center
- Provide additional inputs and outputs for multiple audio sources or destinations
- Upgrade stereo-only onboard audio in your computer

### Features

- Superb audio quality, with high-resolution 7.1 surround sound
- Supports digital optical or analog audio devices through SPDIF or 3.5mm jacks
- All ports fit in standard or small form-factor computers (low-profile brackets included), using the main card plus header bracket
- Supports HD audio, with up to 24-bit and 192KHz playback and recording
- Stereo microphone, line, and SPDIF inputs
- ~92dB SNR (signal-to-noise ratio) at front output
- Three internal auxiliary inputs (2x CD/DVD-IN and 1x Intel HD front panel audio)
- Supports ASIO and WASAPI

|                                     |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hardware</b>                     | Warranty                      | 2 Years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                     | Bus Type                      | PCI Express                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                     | Card Type                     | Standard Profile (LP bracket incl.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                     | Chipset ID                    | C-Media - CM8828                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Performance</b>                  | Audio Specifications          | 24-bit / 192KHz playback and recording<br><br>SNR: Approx 92dB (A-weighting) at front output<br><br>Connections:<br>- Analog left / right line input<br>- Analog left / right microphone input<br>- S/PDIF digital optical input<br>- S/PDIF digital optical output<br>- 2x 10-pin header<br>- 9-pin header<br>- 2x analog CD-input header<br>- Front left / right analog output<br>- Side surround left / right analog output<br>- Center / subwoofer analog output<br>- Rear surround left / right analog output |
|                                     | Full Duplex Support           | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                     | Connector Type(s)             | 1 - PCI Express x1 Male                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Connector(s)</b>                 | External Ports                | 2 - Toslink (SPDIF, Optical) Female<br><br>6 - 3.5 mm Mini-Jack (3 Position) Female                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                     | Internal Ports                | 2 - MPC2 (4 pin, Audio) Male<br><br>2 - IDC (10 pin, Motherboard Header) Male<br><br>1 - IDC (9 pin, USB 2.0, Motherboard Header) Male                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Software</b>                     | OS Compatibility              | Windows® 10 (32/64), 8 / 8.1 (32/64), 7 (32/64), Vista (32/64), XP (32/64)                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Special Notes / Requirements</b> | System and Cable Requirements | PCI Express enabled computer with an available PCI Express x1 slot or higher (x4, x8, x16)<br><br>Additional slot on your computer case if installing and using the header bracket                                                                                                                                                                                                                                                                                                                                 |
|                                     |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Environmental</b>                | Humidity                      | 10~90% RH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                     | Operating Temperature         | 0°C to 70°C (32°F to 158°F)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                     | Storage Temperature           | -10C to 80°C (14°F to 176°F)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Physical Characteristics</b>     | Product Height                | 4.7 in [120 mm]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                     | Product Length                | 4.3 in [109 mm]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|                              |                           |                                                                                                                                         |
|------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|                              | Product Weight            | 3.7 oz [105 g]                                                                                                                          |
|                              | Product Width             | 0.7 in [18 mm]                                                                                                                          |
| <b>Packaging Information</b> | Shipping (Package) Weight | 7.4 oz [210 g]                                                                                                                          |
| <b>What's in the Box</b>     | Included in Package       | 1 - 7.1 Channel PCI Express Sound Card with Header Bracket & 10-pin Cable<br><br>2 - Low-Profile Brackets<br><br>1 - Instruction Manual |

Product appearance and specifications are subject to change without notice.