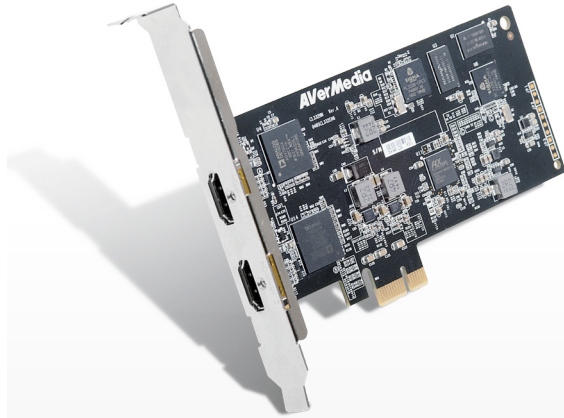


## CL332-HN

### Dual Channel HDMI Full HD HW H.264 PCIe Capture Card



### Features

- Max input resolution 1920 x 1080 60fps
- Max capturing resolution 1920 x 1080 30fps
- Hardware H.264 encoding
- Low profile design
- Standard HDMI connector
- Hardware de-interlacing

### Introduction

CL332-HN is a PCIe Gen2 x1 capture card equipped with a maximum input of 1920x1080@60 fps and capturing resolution of 1920x1080@30fps. It has embedded audio inputs via standard HDMI connectors to ensure sturdy cable connection while the HDMI video source input supports astounding compressed video capture resolution of up to 1920x1080@60fps. Along with AVerMedia proprietary SDK, CL332-HN can be easily and seamlessly integrated into various vertical applications that require superb video capture quality such as IP cam, broadcasting, surveillance, etc. With AVerMedia's Windows and Linux driver support, clients are able to choose from a wide range of platforms according to their specific needs; this makes the CL332-HN the best choice for professional Full HD capturing applications.

### Hardware H.264 Compression

The CL332-HN is equipped with an advanced built-in H.264 hardware encoder that enables the system to encode without impacting CPU's computing power while maintaining high quality video encoding. This feature balances the load and in turn increases system's reliability. As a result, the computer and its' resources can focus on other important applications at hand.

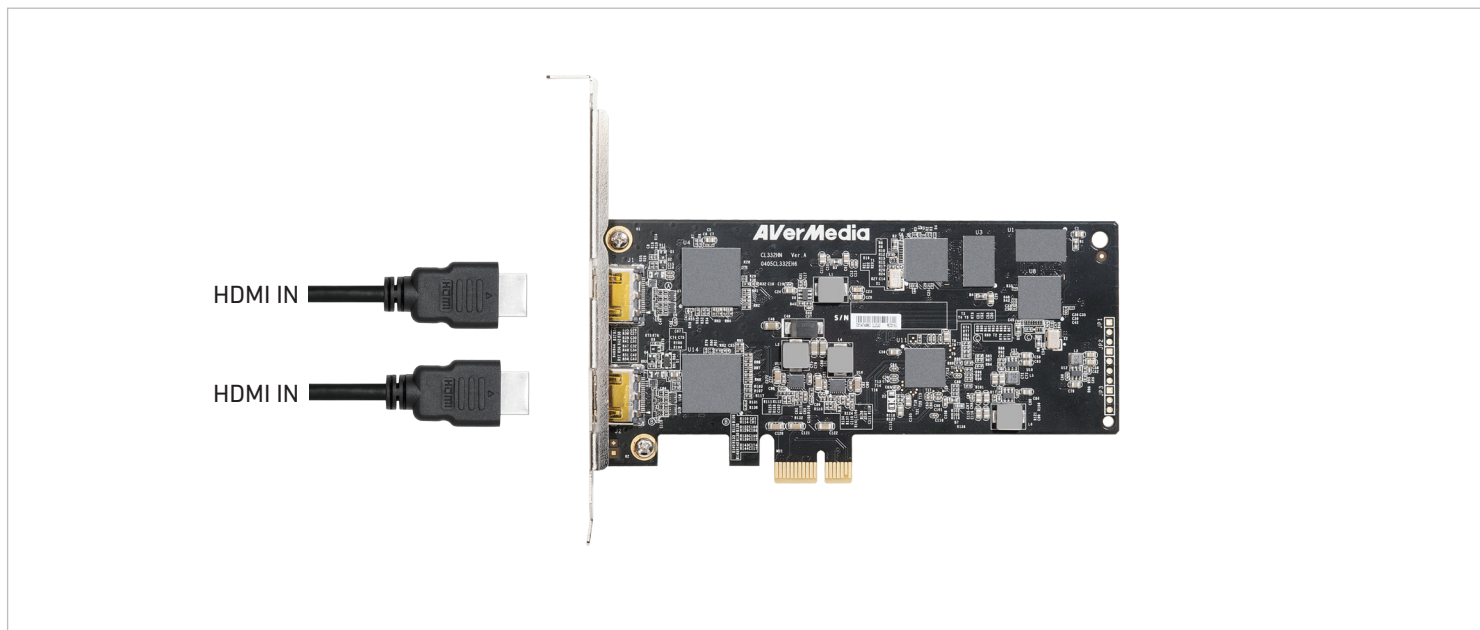
### Low Profile Form Factor Design

Suitable for small-footprint embedded platform. The low profile form factor design provides a better use of internal space by reducing cabling and allowing for flexible heat sink solution.

### Hardware De-interlacing

AVerMedia hardware-based video engine technology implements the most useful video processing functions such as deinterlacing. This can significantly reduce computing burdens on software and hardware and in turn allow the resources to focus on other important parts of the application.

## Connection Diagram



## Specifications

Host Interface	PCIe Gen2 x1
Audio Interface	HDMI embedded audio
Audio Format	PCM
Audio Sampling Rate	32KHz, 44.1KHz, 48KHz
Connector Type	Standard HDMI
Input Interface	HDMI
Video Format	YUY2(4:2:2), YV12 (4:2:0), RGB24
Color Depth	8-bit
Channel No.	2 Ch
Max. Input Resolution	1920 x 1080 60fps
Max. Recording Resolution	1920 x 1080 30fps

Encoding Mode	Hardware Encoding (H.264) / Software Encoding
Multi-channel Support	Yes
Multi-card Support	Yes
Supported OS	Windows 7/8.1/10 (32/64 bits), Linux (32/64 bit)*
Form factor	Low Profile
Dimension (L x W)	135 x 68.78 mm
Power Consumption	5W
Operating Temperature	0°C ~ 65°C
Operating Humidity	5% - 80% Relative Humidity
Safety Certification	FCC / CE

All specifications are subject to change without notice.

### \* Linux Services

- For availability on driver versions, please contact us
- Driver customization service by request

## Ordering Information

- **CL332-HN:** Dual Channel HDMI Full HD HW H.264 PCIe Capture Card
- **SDK Kits**
  - SDK Basic
  - SDK Pro
  - SDK Premium Add-on Kits

## Versatile SDK

AVerMedia software development kit (SDK) is a set of development tools that allow software engineers to seamlessly integrate video capture modules into application specific systems. Available upon request are the SDK Pro and SDK Premium to better match each application's specific requirements.