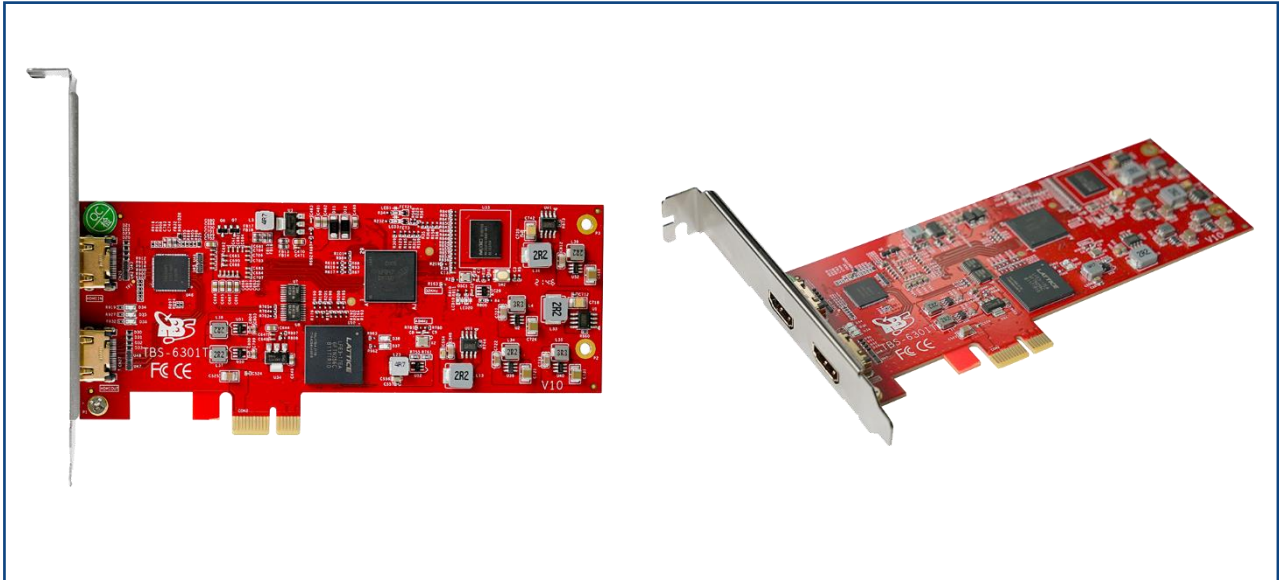




## TBS6301T H.265/H.264 4K 60Hz HDMI Encoding Card

4K 60Hz Encoding | H.265/H.264 | HDMI 2.0 | PCI Express



TBS6301T is a HDMI 4K UHD Video Encoding Card, capable of max 3840 x 2160P@60fps input and H.265 & H.264 encoding. It is an ideal device for customers who need to stream lower bit rate video over LAN or WAN networks – often due to internal network limitations, whilst maintaining high quality video.

### A special encoding pattern:

After capturing UHD/HD video from HDMI port, TBS6301T will generate a H.264/H.265-encoded stream by TS packet and output via PCIe connection. In short, TBS6301T can be used as a normal DVB Tuner PCIe card, so it can work with many DVB streaming software, like “DVBLast”, “TVheadend” in Linux or “DVBDream” in Windows.

TBS6301T is equipped with a HDMI 2.0 input and a HDMI loop-out port. The PCIe interface allow users to install TBS6301T into any low-profile or full-profile PCIe slot, including fixed workstations such as 2U or 4U rack-mounted servers or media centers.

### Main Features:

- HDMI 2.0 input
- Capable of max 3840 x 2160P@60fps input
- Supports H.265/HEVC and H.264/AVC hardware encoding
- Works like a DVB Tuner PCIe card, streaming by common DVB software like “DVBLast”, “TVheadend” and so on
- Low Power consumption, less than 7.2W.
- Support to be applied to various IPTV system in the industries of education, health care, conference, news interview, and so on.

## Specifications:

Input Interface	1x HDMI 2.0, HDCP2.2
Video Input	-- Max 3840 x 2160P@60fps -- 3840x2160/1920x1080p/1280x720/720x480/720x576 etc.
Video Encoding	H.265 & H.264
Audio Input	HDMI Embedded audio
Audio Encoding	AAC
Sampling rate:	Auto
Data Rate:	1Mbps~70Mbps
Connection:	PCIe x 1.0
OS and Driver	Windows: Windows XP / Vista / Windows 7 Windows 8 / Windows 8.1 / Windows 10 Linux: Centos 7.2/7.4; Ubuntu 14.04/16.04/18.04, or others Linux OS with kernel version 4.4.0 and above
Application:	DVBLast, TVheadend, VDR ... ..
Working Environment	<ul style="list-style-type: none"><li>• Operating temperature: 0 to 40 deg C</li><li>• Storage temperature: -20 to 70 deg C</li><li>• Relative Humidity: 5% to 90% non-condensing</li></ul>