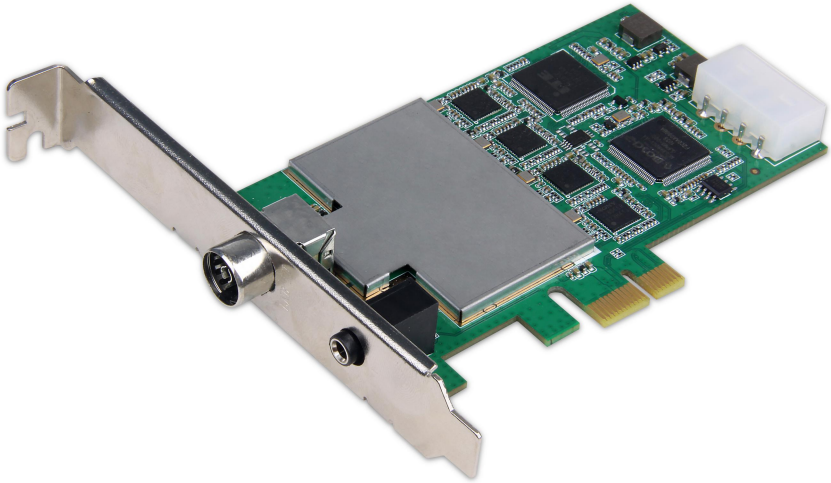
X2856-QuadHD

Four HD Digital TV Tuners for PCIe!

X2856-QuadHD: Watch or record up to four TV programs at the same time!



X2856-QuadHD Specifications

Technical specifications

Tuner

- QuadHD channels for hybrid DVB-T2/T/C reception separately
- High Performance Hybrid DVB-T2/T/C tuner/demodulator
- High Speed 2.5Gbps PCIe interface
- Low profile design
- Remote Control support
- Support Versatile Windows Softwares
- Support Linux VDR, i.e. CNVDR

Input Signal

- 75 Ohm Digital TV Antenna Input
- Receive Frequency: TV 48.25 ~ 863.25 MHz

TV recording formats

- Transport stream (the original transmitted format, without any quality loss)

System Requirements

- Microsoft® Windows 10, 8, 7® or Windows Vista with latest Service Pack, 1 GB RAM
- Windows Media Center in Windows 7 or Windows 8
- Minimum processor: Core2 Duo 2.93Ghz or faster
  Note: If your PC is not fast enough, you might see jerky live TV video, but your TV recordings will be fine.
- Sound and graphics with support for DirectX® 9 or higher
- PCI Express slot x1
- CD/DVD drive for software installation
- Recommended: Internet connection for software updates and activation.

Specification

Full compliance with

DVB-T2 (ETSI EN 302 755):

EN 302 755(V1.1.1, V1.2.1, V1.3.1,V1.4.1)

Bandwidth: 1.7/5/6/7/8/10MHz

FFT mode:1K 2K 4K 8K 16K 32K

Guard interval:1/128 1/32 1/16 1/8 1/4 19/128 19/256

Modulation:BPSK OPSK 16-QAM 64-QAM 256-QAM

Pilot pattern:PP1-PP8

APPR:L1＆P2 L1＆ACE L1＆TR L1,ACE＆P2

Code Rate:1/2 2/3 3/4 4/5 5/6

FEC:LDPC 16K/64K

DVB-T (ETSI EN 300 744):

DVB-T COFDM deomdulator and FEC(BCH) decoder

Modulation: QSPK, 16QAM, 64QAM

FFT sizes: 2K, 8K

Bandwidth: 5, 6, 7, 8MHz

DVB-C (ETSI EN 300 429):

DVB-C & ITU J83 A/C Demodulation: 16QAM,32QAM,64QAM, 128QAM and 256QAM

Symbol rate: 1 ~ 7.2M Baud

De-Multiplexing

Max No. Sect6ion filtering: 32PIDS

Engine: Software

Stream capture: PES & TS

Decoder

Video : mpg-II Main Profile & Main Level/H.264/H.265 HEVC

Audio : mpg-II Audio Layer I & II/AAC

Interface

PCIe Bus X 1