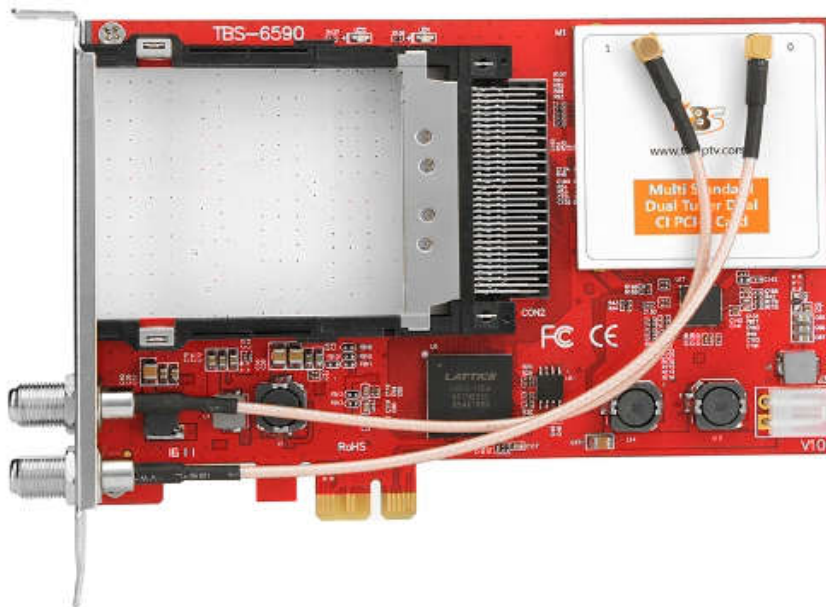




TBS6590

TBS6590 Multi Standard Dual Tuner Dual CI PCI-e Card

TBS6590 multi standard dual tuner dual CI card is a twin tuner card for watching or recording two different channels from two different frequencies simultaneously. TBS6590 supports multiple digital TV standards, including DVB-S2/S, DVB-T2/T, DVB-C2/C, DVB-S2X and ISDB-T. It is built with 2 Common Interface which allows insertion of CAM and smartcard for pay TV, so it is a good choice for watching/recording digital HD TV on PC. What's more, with this multi-standard TV tuner card, a switchover between different digital TV signals is much easier, you just need to plug another signal cable instead of taking out the card from your server.



Main Features:

- Support DVB-S/S2/S2X 、 DVB-T/T2/C(ITU-T J.83 Annex A/B/C)/C2 、 ISDB-T
- Watch & record TV/ radio programs on PC
- Common Interface (Dual CI) Support
- SD or HD TV receiving

Applications:

- Data receiving
- IPTV streaming
- Media monitoring
- Digital content distribution



TBS6590

Specifications:

ISDB-T	COFDM demodulator and FEC decoding
	Support 3 layers decoding
	TMCC decoding
	Support differential demodulation
	AC1 and AC2 decoding
DVB-T2 and T2-Lite	Receiving channel: VHF band, UHF band
	Bandwidth: 1.7, 5, 6, 7, 8MHz
	FEC: QPSK, 16QAM, 64QAM, 256QAM
	FFT mode: 1K, 2K, 4K, 8K, 16K, 32K
	Code rate: 1/2, 2/3, 3/4, 5/6, 7/8
DVB-C2	COFDM demodulator(16_QAM to 4096_QAM)
	FEC(LDPC/BCH) decoder
	Bandwidth: 6MHz, 7MHz, 8MHz
DVB-C and ITU-T J.83 Annex B	QAM demodulator
	FEC decoder
	1 to 7.2MSymbol/s
DVB-S/S2/S2X	symbol rates: 1-45Msp/s
	FEC:
	DVB-S/S2
	QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
	8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10
	16APSK: 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
	32APSK: 3/4, 4/5, 5/6, 8/9, 9/10
	DVB-S2X
	QPSK: 13/45, 9/20, 11/20
	2_4_2_APSK: 100/180, 104/180
8PSK: 23/36, 25/36, 13/18	
8_8_APSK: 90/180, 96/180, 100/180, 18/30, 20/30	
16APSK: 26/45, 3/5, 28/45, 23/36, 25/36, 13/18, 140/180, 154/180	
4_12_16rb_APSK: 2/3	
4_8_4_16_APSK: 128/180, 132/180, 140/180	
Power consumption	
Input/ Power:	12V/10~18W
temperature	0-60°C



TBS6590

Other information:

System Requirements	Windows XP / Vista/ 7/8/10, Linux
	Available PCI Express x1, x4, x8 or x16 slot
	Digital TV signal (DVB-S2/S/S2X /DVB-T2/T/DVB-C2/C/ISDB-T)
Dimension:	
TV tuner card size	104.5mm*150mm
Net weight	137G
Gift Box Size	17.7*16*3CM
Weight	245G
Package Contents	1 x TBS6590
	1x DC line
	2x IEC Connector