



TBS6508 Multi Standard Octa Tuner PCI-E Card

DVB-S2X/S2/S | DVB-T2/C2 | Linux OS | PCI Express

TBS6508 is a Octa PCI express TV tuner card that supports multiple digital TV standards including DVB-S2X/S2/S/T2/T/C2/C/ISDB-T, four RF IN is independent with each other. With this multi-standard TV tuner card, it is much easier to switch between different digital TV signals.

TBS6508 not only supports normal DVB-S2X/DVB-S2/S QPSK, 8PSK which is supported by normal satellite receivers, but also supports CCM, VCM, 16APSK, 32APSK Stream Mode, which most satellite receiving devices can't support. With use of dedicated TBS tools, those special streams can be captured.

Both Windows BDA driver and the latest kernel 5.X Linux driver are ready. With Octa tuners, TBS6508 enables you to watch TV channel from one transponder/satellite while recording other channels from other transponder/ satellite at the same time.



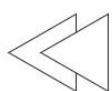


Main Features:

- DVB-S/S2/S2X , DVB-T2/T, DVB-C2/C (ITU-T J.83 Annex A/B/C), ISDB-T
- Fast scanning functionality for all media
- Support VCM, CCM, QPSK, 8PSK, 16APSK, 32APSK;
- Up to 173M/bps(TS Data Rate)
- Octa flexible TS interfaces

Applications:

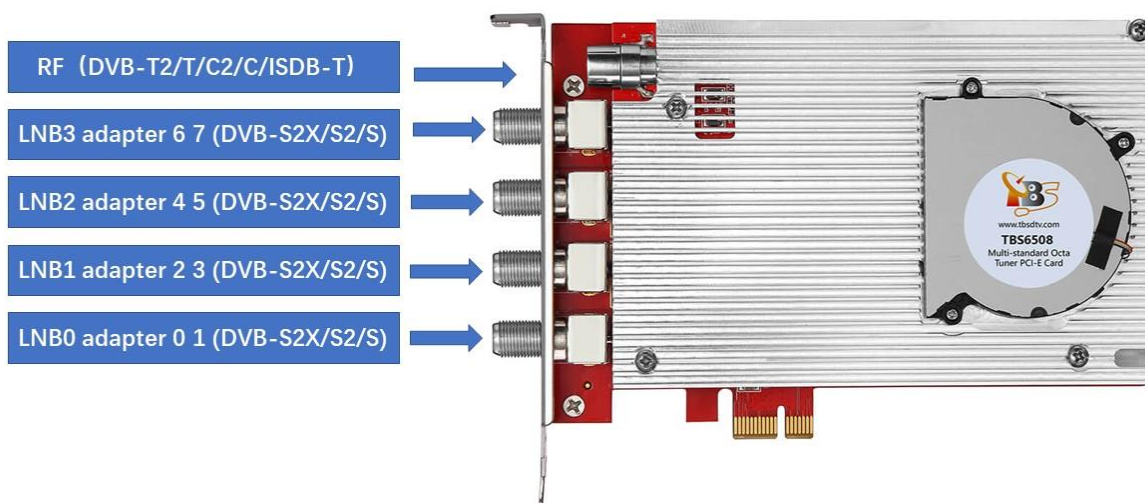
- Data receiving
- IPTV streaming
- Media monitoring
- Digital content distribution



PCI EXPRESS



How it works?



**Attention :**

One LNB can receive signals from one transponder, each two adapters should maintain the same settings for Low/High band and vertical/horizontal level.

For example, LNB0, the two adapters 0 and 1 should be the same as HH HH ,VL VL , HL HL , or VH VH

Specification

Model	TBS6508
DVB-S/S2/S2X	symbol rates: 1-45Msps
	<p>FEC:</p> <p>DVB-S/S2</p> <p>QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10</p> <p>8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10</p> <p>16APSK: 2/3, 3/4, 4/5, 5/6, 8/9, 9/10</p> <p>32APSK: 3/4, 4/5, 5/6, 8/9, 9/10</p> <p>DVB-S2X</p> <p>QPSK: 13/45, 9/20, 11/20</p> <p>2_4_2_APSK: 100/180, 104/180</p> <p>8PSK: 23/36, 25/36, 13/18</p> <p>8_8_APSK: 90/180, 96/180, 100/180, 18/30, 20/30</p> <p>16APSK: 26/45, 3/5, 28/45, 23/36, 25/36, 13/18, 140/180, 154/180</p> <p>4_12_16rb_APSK: 2/3</p> <p>4_8_4_16_APSK: 128/180, 132/180, 140/180</p>



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



Power consumption	
Input/ Power:	12V/6~18W
temperature	0°~ 60°
Other information:	
System Requirements	Windows XP / Vista/ 7/8/10, Linux
	Available PCI Express x1, x4, x8 or x16 slot
	Digital TV signal (ISDB-T/DVB-T2/C2/S2X/S2/T/C/S)
Dimension:	
TV tuner card size	15*10.5*2 (cm)
Net weight	230g
Gift Box Size	18*16.3*8.5 (cm)
Weight	320g
Package Contents	1 x TBS6508
	1 x DC cable
	1 x F-IEC adapter
	1 x IEC-F connector