



TechnoTrend
Performance on your side.

model TT-premium® S-2300

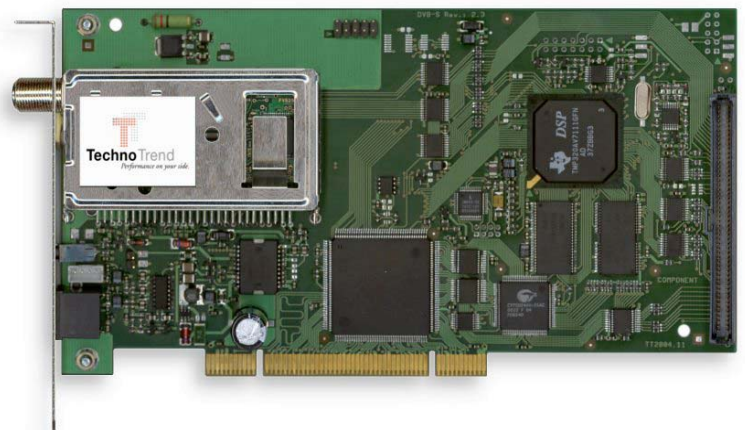
TT-PCLine DVB family

The leading PCI card with high performance features

The model TT-premium® S-2300 is the state-of-the-art satellite DVB® reception device with high-end features and best performance/price ratios. It satisfies the consumer demand for high performance and is well suited for professional applications such as business TV or long distance learning. The plug-in board turns the personal computer into a fully equipped digital-TV receiver. DVB® data services are of great importance for PC applications - in particular when a provider enables high-speed internet connections transferring data at even higher Mbps rates. The TT-premium® S-2300 enables the recording and storage of videos in digital format on the PC. The use of this technology provides all the functions of a digital VCR.

The TT-premium® S-2300 has a user-friendly control software for station selection including automatic and manual station finding, a DVB® TV viewer with EPG and a digital VCR function for audio and video recording or playback. A high-performance full-page teletext viewer and a data control application are also available. MPEG hardware decoding support significantly reduces CPU usage.

More than one card can be installed in one PC to receive various channels simultaneously. An easy-to-use multilingual data management utility is provided to adjust channel and filter settings and to monitor incoming data. For third-party software developers an open API (application programming interface) is available.



Basics

- High performance PCI card for TV and data application
- Compliant to DVB® satellite standard EN 300 421
- Plug&Play Installation
- Hardware Video and Audio decoding support
- Recording and Play back of TV/Radio programs
- Time shift support
- Teletext decoding by software
- MPEG2 Transport Stream support: ISO/IEC 13818-1
- DVB-Video/-Audio support: ISO/IEC 13818-2, -3
- DVB-Data support: EN 301 192
- 2-slot Common Interface extension available
- Supports an open API (application programming interface) for third-party software developers



RF specification

- Frequency range: 950 - 2150 MHz
- QPSK demodulation accordingly to EN 300 421
- RF input level: -65 up to -25 dBm
- SCPC/MCPC support (1 – 45 Msymbols/s)
- Reed-Solomon decoding
- Automatic FEC selection: 1/2, 2/3, 3/4, 5/6, 7/8
- LNB control: 14/18V, 22kHz, Tone Burst, DiSEqC 1.0, max. 400 mA

Audio/Video interface

- CVBS out via cinch
- Digital Audio (PCM stereo) out via electrical S/P-DIF
- Audio Line out via 3.5 mm stereo jack plus left/right via cinch
- Remote sensor jack for remote support

Advanced Functionality

- Presentation, record (incl. timer use) and play back of TV & radio services
- Automatic channel scan
- Electronic Program Guide: schedule EPG and present/following EPG
- Teletext decoding
- Multi language support
- PAL and NTSC support
- Aspect ratio: 4:3, 16:9, 2.21:1 (PAL only)
- Support MAC Address Filtering
- Maximum unfiltered data stream: 90 Mbit/s
- Maximum download MPEG-2 PES speed: 12 Mbit/s
- Maximum download speed for Unicast/Multicast traffic (TCP/IP): 8 Mbit/s
- Maximum number of PID for simultaneous support: 32

Minimum PC requirements

- Pentium II 233 MHz, 128 Mbytes RAM, PCI port (PCI 2.1 compatible)
- Supported Operating System: Windows 98SE, ME, 2000, XP™
- DirectX 8 or higher
- Graphic card with 800 x 600 x 16 bpp or better
- CD-Rom (Driver and Software installation)

Accessories

- Receiver PCI card (ca. 190 x 100 x 18 [mm])
- Master CD-ROM with driver and application software
- 2-slot Common Interface extension (versions for slot or bay mounting) optional available

Standard and Regulation Compliance

- DVB satellite standard EN 300 421
- MPEG2 Transport Stream support to ISO/IEC 13818-1
- DVB-Video/-Audio support to ISO/IEC 13818-2, -3
- Teletext in VBI according to ETS 300 472
- Safety and EMC regulations: EN 55022, EN 55024 and EN 60950