



model TT-budget S-1500

TT-PCline DVB family

The best value, the right features all in a PCI card

The model TT-budget S-1500 represents a low-cost reception device for basic applications. It features a complete DVB® satellite receiver to receive data broadcasts, digital TV as well as radio programs and provides high-speed internet access. The TT-budget S-1500, was especially designed to meet the demands of the mass market end consumer for easy of operation and plug & play installation and is a way to access the internet at DVB®-compliant high-speed at the best value available.

The incoming DVB® transport stream is delivered to the PCI bus at a speed of up to 72 Mbps. An optimised software filter driver manages data processing downstream by filtering up to 255 PIDs concurrently. A MPEG-2 software decoder and TV/Radio application are included for reception of digital TV and radio broadcasts.

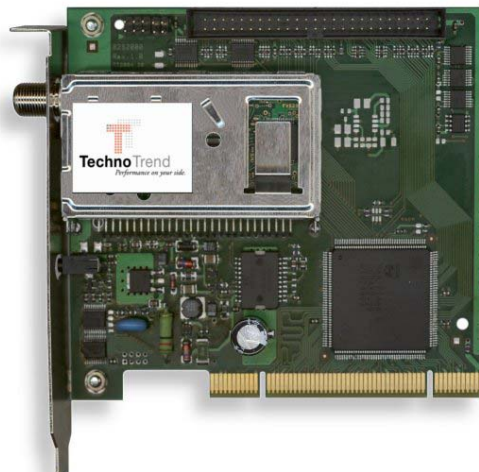
The TV and radio application includes features such as automatic channel parsing and record/playback capabilities. Pay TV applications can be supported by an optional CI extension. More than one budget card can be installed in one PC to receive various channels simultaneously. An easy-to-use multilingual 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

- Low-cost PCI card for Free-TV and data application
- Compliant to DVB® satellite standard EN 300 421
- Installation Plug and Play
- Video and Audio decoding via software decoder
- Recording and Play back of TV/Radio programs
- Time shift support
- Teletext decoding by software
- Multicast Management support by NDIS driver
- MPEG2 Transport Stream support: ISO/IEC 13818-1
- DVB-Video/-Audio support: ISO/IEC 13818-2, -3
- DVB-Data support: EN 301 192

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





Advanced Functionality

- Presentation, record (incl. timer use) and play back of TV & radio services
- Easy-to-use software interface
- 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
- Raw data transfer: PCI Busmaster DMA
- Use of up to 255 PID filters
- Unfiltered data stream up to 90 Mbit/s
- Download MPEG-2 PES speed up to 72 Mbit/s
- Download speed for Unicast/Multicast traffic (TCP/IP) up to 72 Mbit/s

Minimum PC requirements

- Pentium III 733 MHz, 128 Mbytes RAM, PCI port (PCI 2.1 compatible)
- Supported Operating System: Windows 98SE, ME, 2000, XP™
- DirectX 8 or higher
- Sound card
- Graphic card with 800 x 600 x 16 bpp or better
- CD-Rom (Driver and Software installation)

Accessories

- Receiver and CI PCI board each ca. 120 x 106 x 18 [mm]
- 1 connection flat ribbon cable to link receiver and CI board
- Master CD-ROM with driver and application software
- Optional Common Interface extension for Pay-TV

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
- Safety and EMC regulations: EN 55022, EN 55024 and EN 60950

