

# TT-premium<sup>®</sup> S-2300



## High-End PCI-card for digital satellite TV reception

### Technical Specification DVB-S receiver for PC



Based on TT-premium<sup>®</sup> family

### BASICS

- Pay- and Free-TV satellite receiver
- High performance PCI card for use with Personal Computer
- Optional Common Interface (2 slot) available to insert various Conditional Access Modules for decrypting Pay-TV
- Hardware decoding for Video and Audio
- Installation Plug and Play
- Features reception and presentation of DVB<sup>®</sup> data services (high-speed multicast and internet access)
- Fully compliant to: DVB-S standard EN 300 421
- MPEG2 Transport Stream support: ISO/IEC 13818-1
- DVB-Video/-Audio support: ISO/IEC 13818-2,-3
- DVB-Data support: EN 301 192

### GENERAL DATA

- Cabinet (WxHxD, cm) / Weight : approx. 190 x 20 x 100 approx. 0,2 kg

### RF SPECIFICATION

- Frequency range: 950-2150 MHz
- QPSK demodulation according to EN 300 421
- RF input level: -65 up to . 25 dBm (IEC F-type female)
- Input connector: IEC60169-2 female
- SCPC/MCPC support 2 Msymbols/s to 45 Msymbols/s
- QPSK with supported rates: 1/2, 2/3, 3/4, 5/6, 6/7, 7/8
- Outer Reed-Solomon decoding according to EN 300 421
- Up to 60 Mbps channel bit rate

### LNB CONTROL

- Band selection: 22 KHz
- Polarity selection: 14/18 V
- Tone burst mode
- DiSEqC 1.0
- LNB current support maximal 400 mA

### INPUT/OUTPUT SPECIFICATION

- Antenna input: IEC female
- 2.5mm phone jack to insert the infrared receiver for remote control
- Mini-DIN connector for cable octopus with additional extensions:
  - Audio out analog right (cinch)
  - Audio out analog left (cinch)
  - Composite video out
  - Audio line out
  - Digital Audio (PCM stereo) out via electrical S/PDIF

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### HARDWARE VIDEO DECODER

- MPEG profiles : MPEG-2 Video
- Picture formats : Auto WSS 4:3, 16:9, 2.21:1 ( PAL only)

### HARDWARE AUDIO DECODER

- Profiles : MPEG 2 layer I & II
- AC 3 Decoding: yes

### TT-MEDIA CENTER SOFTWARE

- Recording and Playback of TV/Radio programs
- Teletext decoding via software
- Time shift support
- WDM-driver
- Timer
- Favourite mode
- EPG (SI based)
- Short EPG (now/next)
- Automatic/manual channel search
- API : For third-party software developers an open API (application programming interface) is available

### MINIMUM SYSTEM REQUIREMENTS

- Windows<sup>®</sup> 98SE, 2000, XP
- CPU: at least 733 MHz
- 256MB RAM
- Hard disk with at least 256MB free storage space
- Graphics card with at least 32 MByte memory and DirectX support or higher
- Sound card with DirectX support
- PCI slot (PCI 2.1 compatible)
- CD ROM drive
- Digital satellite dish

### ACCESSORIES

- Infrared receiver
- Cable octopus
- Quick-Start-Guide
- Remote Control inclusive batteries
- CD-Rom inclusive driver and application software

### STANDARDS AND REGULATIONS

- DVB-S 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 60950, EN 55022 and EN 55024