

Get the Power!

# NANOXX

**HDTV**  
 Universal Serial Bus  
 Personal Video Recorder  
**PVR**



## NanoXX 9800HD



### HDTV and SDTV Satellite Reception of Premium Quality

- + Outstanding super sharp picture both in MPEG-4 and MPEG-2 transmissions
- + High Definition On-Screen-Graphic specially for FullHD flat screen television sets
- + USB2.0 and eSATA with PVR Function for Digital Video Recording to an external Harddisk (to be connected optional)\*
- + Twin-Tuner-HDTV-PVR: 2 DVB-S/S2 tuner\*\*
- + Record 2 channels (SDTV or HDTV) and watch a 3rd channel (also Timeshift) transmitted from different transponders at the same time
- + Ethernet RJ45 for Software Upgrades, FTP File Transfer for copying files via LAN to the connected USB2.0 device (f.e. harddisks or memory sticks)
- + Video Streaming from recorded files from one NanoXX to another NanoXX via LAN
- + Integrated Mediaplayer: Playback AVI(XVID), JPG and MP3 files from the connected storage device on the TV
- + 2 Common Interface Slots and 1 Smart Card Reader for Conax, X-Crypt, DG-Crypt, Firecrypt and Crypton
- + Outputs: HDMI Ver. 1.2, S-VHS, YPbPr Cinch, S/PDIF optical & coaxial

**USB** Universal Serial Bus  
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\* The PVR function allows to record SDTV and HDTV programs to an external USB2.0 or eSATA harddisk. The harddisk has to be formatted in FAT32. If your harddisk has been formatted in another file system it can easily be reformatted in FAT32 using the freeware tool we are offering at [www.nanoxx.info](http://www.nanoxx.info). Please visit our FAQ database as well for being informed about all the amazing features of NanoXX products.

\*\* Twin-Tuner means that there are 2 separate tuners intergrated for being able to tune to 2 different frequencies at the same time. Attention: For obtaining the full frequency range it is necessary to connect 2 separate LNB outputs to the NanoXX. You will need f.e. a Twin-LNB and 2 coaxial lines! Please ask your local satellite dealer for details.

## Support: [www.nanoxx.info](http://www.nanoxx.info)

Company Stamp

Specifications	9800HD
DVB Standard	2x DVB-S2 (SDTV&HDTV)
Channel Memory	10.000
Common Interface	2
Smart Card Reader	1
- XCrypt	•
- Conax	•
- DG Crypt	•
- FireCrypt	•
- Crypton	•
Blind Scan Tuner	• (Software)
Loop-Through-Tuner	•
HDMI	• 1 Output (Ver. 1.2)
Scart	2
S-Video	•
YPbPr	•
Cinch	• (Audio R/L, Video)
eSATA	•
S/PDIF	• (optical + coaxial)
RS232	•
USB	• 2x USB2.0
Ethernet	• (RJ45)
PVR	• (USB & eSATA PVR)
Frontdisplay	13 digits VF-Display, 7 Buttons
Main Power Switch	•
Unicable	•
Mosaic	4 & 6
Flash	8 Mb
SDRam	128 Mb
EEProm	8 Kbyte
Video Formats	1080i, 720p, 576p, 576i
Audio	MPEG Audio Layer 1 & 2
Symbolrates	2~45 MS/s
Input Frequency	950-2150 MHz
LNB Power	13V/18V max. 500mA
Waveform	QPSK, 8PSK (SCPS, MCPC)
Video	MPEG-2 & MPEG-4
Power	100~250V AC, 50/60Hz 50W max.
Dimensions	300mm x 230mm x 62mm ca 1.9 Kilo