

Specifications

CPU	VIA Nehemiah 1.0 Ghz
DRAM	Long dimm DDR slot*2 32MB~2048MB
Storage	2 IDE connector. IDE 1: standard connector; IDE 2: mini connector
Vedio Output	Built-in S-vedio terminal, D-sub, AV terminal, DVI port
USB	4 USB 2.0 ports
Audio	Analog RCA, M-Audio, Coaxial output. MIC input
LAN	2 ports. LAN 1: 10/100 Lan (RTL8100); LAN 2: Mini PCI slot
PCI	One PCI slot
Other ports	Multi-Card Reader, Smart card reader, Serial port

User Manual

Standard PC Applications:

- Win XP
Smooth in internet browsing and playing DVD, mpeg I and II (partially smooth in 720p, not smooth in 1080i)
advantafes: can totally support Mpeg Decoder
DVB-T driver ok
P2P Stream (PPLive and XBMC can be completely integrated.)
Good software support
disavantages:Embedded Flash occupies large amount of space and OS gets damaged easily
OS authorizatioin is not free.
- Harddisk-less thin client application
Thinstation
<http://www.thinstation.org/>
Used as RDP Client,VNC Viewer.

Media Player

- FREE VDR
When in combination with satellite receiver card, it can be used in playing DVB-S mpeg 2 HD, just like DVB-S Box. There is built-in support for mpeg decoder
- [Geexbox Linux](#)
- [XBMC](#)

Can download xbmc live CD or USB Image (with OS), it takes up 2GB of the space

- Mediaportal
- Meedios
Windows HTPC suite. Application software is Open Source expect for the operating system.

TV Media Server

similar with Sling box, Locationfree

- Mediaportal TV Server
Can be used for single client or multi clients. Needs SQL or Mysql Server when for multi clients
- Beyond TV
- Cyberlink live
support Iphone

Internet Firewall

- X86 DD-WRT Wireless software
- Pfsense: has built-in VPN server
- IPCOP (has proxy function)
- Coyote
- FreeUTM UTM
- [Untagle](#)
Intalled report?OpenVPN?Firewall?Web Filter?Protocol Control on the 8G CF card with 512 RAM. When there's no client connection, the CPU occupation is 15%. If there's operatioins running, the CPU occupation will be 100%. Usually, internet-surfing on one client will take up 50% usage of the CPU.

Other applications

- AntiSpam
- IP PBX
Elastix->????CF on IDE or USB????
Trixbox
[Asterisk](#)-> CF on IDE ok

- Fax server
- FreeNas ->CF on IDE or USB????
- ??????->CF on IDE ok