

# Mythbuntu media PC

Monday, 31 March 2008

Building a MythTV Linux Media PC. I looked at Knoppmyth and Myhdora , but I really liked Mythbuntu the best. So I am going to build a Home Media/Theater Computer! Here is what I plan to use as hardware...

Other Open Source Media Center software...

Windows - MediaPortal

Windows - SesamTV

Mac OS X - CenterStage

Linux - LinuxMCE (this manages everything in your home from heating and cooling, to watering the yard, to watching movies! Requires Kubuntu 7.10 OS )

Mac, Linux, and Windows - Freevo

Mac, Linux, Windows, XBox -XBMC

Official MythTV web-site

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Building a MythTV (Mythbuntu 7.10) Media PC : Parts March 31, 2008

All parts other than the iBlast antenna are recommended.

For an internal alternative to the HDHomeRun see:

the HD5500 - [http://www.pchdtv.com/hd\\_5500.html](http://www.pchdtv.com/hd_5500.html)

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Software:

Mythbuntu: <http://www.mythbuntu.org/>

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Base System:

DVI-i/SPDIF to HDMI Connection - <http://www.hdtvsupply.com/dviautohdadt.html>

My TV has HDMI and I chose to use a converter to combine my input. Check your TV and budget as there can be many options here.

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Core PC:

Case - <http://www.newegg.com/Product/Product.aspx?Item=N82E16856101038>  
RAM - <http://www.newegg.com/Product/Product.aspx?Item=N82E16820145590>  
CPU - <http://www.newegg.com/Product/Product.aspx?Item=N82E16819103773>  
SOUND - <http://www.newegg.com/Product/Product.aspx?Item=N82E16829118109>  
Drive - <http://www.newegg.com/Product/Product.aspx?Item=N82E16822136012>  
Video - <http://www.newegg.com/Product/Product.aspx?Item=N82E16814121064>  
Tuner - <http://www.silicondust.com/wiki/products/hdhomeun>  
Remote - <http://www.streamzap.com/>

Any DVD/CD. Blu-Ray is best passed through an external player for now.

Note: you will need power supply, fans, etc...

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External Storage (Networked):

<http://www.lacie.com/us/products/product.htm?pid=10843>

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Misc. Hardware:  
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iBlast HDTV - [http://mythic.tv/product\\_info.php?products\\_id=63](http://mythic.tv/product_info.php?products_id=63)

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GeForce 7600GS 256MB AGP setup/Driver:  
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[http://www.nvidia.com/object/linux\\_display\\_ia32\\_1.0-9755.html](http://www.nvidia.com/object/linux_display_ia32_1.0-9755.html)  
<http://wilsonet.com/mythtv/fcmyth.php#hw>

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HDHomeRun Information:  
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[http://www.mythtv.org/wiki/index.php/Silicondust\\_HDHomeRun](http://www.mythtv.org/wiki/index.php/Silicondust_HDHomeRun)

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Reference:  
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<http://antennaweb.org/>  
<http://www.nab.org/AM/ASPCode/DTVStations/DTVStations.asp>  
[http://www.mythtv.org/wiki/index.php/Configuring\\_HDTV](http://www.mythtv.org/wiki/index.php/Configuring_HDTV)

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Some on-line content and utilities:  
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Hulu - <http://www.hulu.com/>  
TitanTV - <http://video.titantv.com/> (HDHomeRun + EyeTV 3 + TitanTV ON OS X 10.5 = ROCKS!!!!)  
TVGuide - <http://www.schedulesdirect.org/>

Miro - <http://www.getmiro.com/>  
ShowLinks - <http://show-links.tv/>

Not so much love for Linux, but fingers crossed...

Veoh TV - <http://www.veoh.com/veohTV/getStarted.html>  
Joost - <http://www.joost.com/>

GreenCine - <http://www.greencine.com/main>  
Netflix - <http://www.netflix.com/>  
Movielink - <http://www.movielink.com/>  
ClickStar - <http://cstar.com>

Movies-on-demand - <http://www.movies-on-demand.tv/>  
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I also considered a Mac Mini. CenterStage looks really kick ass and I liked EyeTV 3/EyeTV 250 also. If you go with a Mac Mini these may come in handy also.

Flip4Mac - <http://www.microsoft.com/mac/products/flip4mac.msp>

MplayerX - <http://mplayerosx.sourceforge.net/>

DivX player - <http://www.divx.com/divx/mac/>

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For the Windows fans MediaPortal is an Open source alternative for Windows MCE Media Center...

and finally, if you're lazy, too busy, or don't care to setup a media computer try one of these...

AppleTV

Vudu