



Kernel 2.6.31.6 for Mandriva 2009.1 - 2010.0

**64bit & 32bit ready and tested!**  
**ONLY FOR SOME BRAVE HEARTS...**

New stable kernel branch  
Nuovo ramo stabile del kernel

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To install in **mdv 2010.0**, if you have **/experts** repo enabled, you don't need to add any other repo, you can use only:

as update is not enabled by default, so if you wish to update with that kernel, from your root konsole you must write

```
urpmi --auto-select --auto
```

or i.e., if for kernel desktop

```
urpmi kernel-desktop-latest kernel-desktop-devel-latest
```



**A more complete Guide there's in the MIB Forum: write there all your feedback!**



**Una Guida ancora più completa è presente sul MIB Forum: lì i Vostri feedback!**

[http://mib.pianetalinux.org/mib/forum/index.php?f=13&t=1207&rb\\_v=viewtopic](http://mib.pianetalinux.org/mib/forum/index.php?f=13&t=1207&rb_v=viewtopic)

New stable kernel branch, but not native for 2009.1, to be recommended only to those who have unsovable HW problems with the series 2.6.29.X, or MIB 2.6.30.X

Ramo nuovo e stabile, ma non nativo in 2009.1, da consigliare solo a coloro i quali hanno dei problemi HW irrisolvibili con la serie 2.6.29.X, or MIB 2.6.30.X

Also tested successfull with VM software (as Host PC and Guest clients)

- Vmware Workstation 6.5.3
- Vmware Player 2.5.3
  
- Vmware 7.0 beta
- VirtualBox 3.0.8

-nvidia-current dkms drivers

It works all flawless, it's very speedy and much more responsive than mdv  
It works perfectly with the current Nvidia and ATI proprietary DKMS drivers

To add a kernel repository, from a root konsole (get blue text):  
Per aggiungere i repository del kernel, da una konsole di root:

*Mandriva 2009.1 32bit arch: **READY and tested***

```
urpmi.addmedia MIB-Kernel26316 --update  
http://mib.pianetalinux.org/2009.1/i686/MIB-kernels/2.6.31.6/ with  
media_info/synthesis.hdlist.cz
```

```
urpmi kernel-desktop-latest kernel-desktop-devel-latest
```

*Mandriva 2009.1 64bit arch: **READY and tested***

```
urpmi.addmedia MIB-Kernel26316 --update  
http://mib.pianetalinux.org/2009.1/x86\_64/MIB-kernels/2.6.31.6/ with  
media_info/synthesis.hdlist.cz
```

```
urpmi kernel-desktop-latest kernel-desktop-devel-latest
```

**HOME:** <http://www.kernel.org>

**Changelogs:**

<http://www.kernel.org/pub/linux/kernel/v2.6/ChangeLog-2.6.31>

<http://www.kernel.org/pub/linux/kernel/v2.6/ChangeLog-2.6.31.6>

**INFOS:** about different kernels:

[http://mib.pianetlinux.org/mib/forum/index.php?f=6&t=817&rb\\_v=viewtopic](http://mib.pianetlinux.org/mib/forum/index.php?f=6&t=817&rb_v=viewtopic)

10 Nov 2009: Da stamattina in /testing sui nostri PC

FILE LIST: sample names

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kernel-2.6.31.6-69mib-1-1mib2009.1.x86\_64.rpm  
kernel-desktop-2.6.31.6-69mib-1-1mib2009.1.x86\_64.rpm  
kernel-desktop-devel-2.6.31.6-69mib-1-1mib2009.1.x86\_64.rpm  
kernel-desktop-latest-2.6.31.6-69mib2009.1.x86\_64.rpm  
kernel-desktop-devel-latest-2.6.31.6-69mib2009.1.x86\_64.rpm  
kernel-server-2.6.31.6-69mib-1-1mib2009.1.x86\_64.rpm  
kernel-server-devel-2.6.31.6-69mib-1-1mib2009.1.x86\_64.rpm  
kernel-server-latest-2.6.31.6-69mib2009.1.x86\_64.rpm  
kernel-server-devel-latest-2.6.31.6-69mib2009.1.x86\_64.rpm  
kernel-source-2.6.31.6-69mib-1-1mib2009.1.x86\_64.rpm  
kernel-source-latest-2.6.31.6-69mib2009.1.x86\_64.rpm  
kernel-doc-2.6.31.6-69mib2009.1.x86\_64.rpm

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**INTRO:** Il MIB, come dovrete sapere, si è occupato a partire dalla Mandriva 2007.1, anche di realizzare delle versioni customizzate (mibizzate) dei vari Kernel per Mandriva Linux, cercando di sopperire alla mancanza di kernel aggiornati, ed in maniera rapida, da fonti ufficiali.

Così è avvenuto inizialmente per la serie 2.6.26.x del Mandriva 2008.1, poi per la serie 2.6.27.x del 2009.0, di seguito per la 2.6.28.x, si continuerà adesso con la serie 2.6.29.x, nativa di Mandriva 2009.1, che cercheremo di supportare per tutte le Distro attualmente suportate dal MIB, ovvero a partire dalla 2008.1, e 2009.0.

Dal momento che ci è stata richiesta, da qualcuno e anche dagli amici olandesi di MCNL, abbiamo deciso di provare a portare avanti anche la serie 2.6.30.X e adesso la **2.6.31.X**

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**STATUS:** 25 Oct 2009 - ore 14:35 p.m.

Kernel 2.6.31.6 - Porting Status

<i>Mandriva</i>	<i>architettura</i>		
x86_64	noarch		
2010.0		<b>Si</b>	
Si			
X			
2009.1		<b>Si</b>	
<b>Si</b>			
X			
2009.0		No	No

are some known problems (to be resolved) with:  
ciuti alcuni problemi (che devono essere risolti) con:

drivers (proprietary fglrx) don't work, newer are OK

dels WiFi drivers dont work, modules can't compile

**Suggestion: If you use proprietary drivers or other dkms**

**Suggerimento: Per usare driver proprietari (Ati/Nvidia) e altri dkms**



**IMPORTANT: English zone**

To make proprietary video drivers (ati / nvidia) and some others dkms drivers, I remember you need to



- dkms
- kernel-devel

And precisely:

if you use kernel-desktop, you need kernel-desktop-devel-latest

if you use kernel-server, you need kernel-server-devel-latest



**IMPORTANTE:** In Italiano

Per rendere funzionali i driver video proprietari (ati / nvidia) e alcuni altri driver dkms, ricordo che è indis

- dkms,
- kernel-devel

E precisamente:

Se usi il kernel-desktop occorre installare kernel-desktop-devel-latest

se usi il kernel-server occorre installare kernel-server-devel-latest

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**PORTING:** da NicCo

**BUILDING:** da NicCo (x86\_64) e NicCo (i686)

**TESTING: 64bit & 32bit ready and tested now!**

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