



Kernel 2.6.32.3 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

To install in **mdv 2010.0**, these are not in **/experts** repo, you need to add another repo:

**Mandriva 2010.0 64bit**

Folder: <http://mib.pianetalinux.org/MIB/2010.0/64/projects/kernels/2.6.32.3/>

so, if you wish to add the repo:

```
urpmi.addmedia --update kernel-26323  
http://mib.pianetalinux.org/MIB/2010.0/64/projects/kernels/2.6.32.3/
```

### **Mandriva 2010.0 32bit**

Folder: <http://mib.pianetalinux.org/MIB/2010.0/32/projects/kernels/2.6.32.3/>

so, if you wish to add the repo:

```
urpmi.addmedia --update kernel-26323  
http://mib.pianetalinux.org/MIB/2010.0/32/projects/kernels/2.6.32.3/
```

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 unsolvable HW problems with the series 2.6.30.X, or MIB 2.6.31.X

Ramo nuovo e stabile, ma non nativo in 2009.1, da consigliare solo a chi ha problemi HW irrisolvibili con la serie 2.6.30.X, or MIB 2.6.31.X

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

- Vmware Workstation
- Vmware Player

(need of some patches to add from the vmare site forum, or)

<http://blog.chmouel.com/2009/12/05/vmware-vmplayer-and-kernel-2-6-32/>

-NFS problem (there's a solution to apply)

[http://mib.pianetalinux.org/mib/forum/index.php?f=31&t=1681&rb\\_v=viewtopic](http://mib.pianetalinux.org/mib/forum/index.php?f=31&t=1681&rb_v=viewtopic)

-nvidia-current dkms drivers

(it works perfectly with the current Nvidia)

-ati fg1rx dkms drivers

(with ATI proprietary DKMS are known problems but there's a solution)

[http://mib.pianetalinux.org/mib/forum/index.php?p=8628&rb\\_v=viewtopic#p8628](http://mib.pianetalinux.org/mib/forum/index.php?p=8628&rb_v=viewtopic#p8628)

To add a kernel repository, type in a root konsole:

Per aggiungere i repository del kernel, da una konsole di root:

*Mandriva 2009.1 32bit arch: **NOT READY now!*** □

```
urpmi.addmedia MIB-Kernel26323 --update  
http://mib.pianetalinux.org/2009.1/i686/MIB-kernels/2.6.32.3/ 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-Kernel26323 --update  
http://mib.pianetalinux.org/2009.1/x86\_64/MIB-kernels/2.6.32.3/ 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-2.6.32>

<http://www.kernel.org/pub/linux/kernel/v2.6/ChangeLog-2.6.32.3>

**INFOS:** about different kernels:

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

2010/01/12

FILE LIST: sample names

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kernel-2.6.32.3-69mib-1-1mib2009.1.x86\_64.rpm  
kernel-desktop-2.6.32.3-69mib-1-1mib2009.1.x86\_64.rpm  
kernel-desktop-devel-2.6.32.3-69mib-1-1mib2009.1.x86\_64.rpm  
kernel-desktop-latest-2.6.32.3-69mib2009.1.x86\_64.rpm  
kernel-desktop-devel-latest-2.6.32.3-69mib2009.1.x86\_64.rpm  
kernel-server-2.6.32.3-69mib-1-1mib2009.1.x86\_64.rpm  
kernel-server-devel-2.6.32.3-69mib-1-1mib2009.1.x86\_64.rpm  
kernel-server-latest-2.6.32.3-69mib2009.1.x86\_64.rpm  
kernel-server-devel-latest-2.6.32.3-69mib2009.1.x86\_64.rpm  
kernel-source-2.6.32.3-69mib-1-1mib2009.1.x86\_64.rpm  
kernel-source-latest-2.6.32.3-69mib2009.1.x86\_64.rpm  
kernel-doc-2.6.32.3-69mib2009.1.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 2.6.31.X e adesso la **2.6.32.X**

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**STATUS:** 2010/01/12 - 12:00 a.m.

Kernel 2.6.32.3 - Porting Status  
*Mandriva* *architettura*  
x86\_64  
2010.0 **Si**  
**Si**  
2009.1 **Si**  
**No**

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

- Older ATI drivers (proprietary fg1rx) don't work, newer are OK



- A few models WiFi drivers dont work, modules can't compile

**Suggestion: If you uses proprietary drivers or other dkm**

**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, SymbianFlo, Astragalo, Bright77

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

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