

# ASUS P5B-MX [946GZ/GMA 3000] does not work with Intel driver

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/stable/2007-09/msg00180.html>

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  - *Date:* 27 Sep 2007 13:07:52 +0200
- 

I cannot make Intel 3000GMA in ASUS P5B-MX to work with intel driver.

I added all info below.

How can I help you more to resolve this problem?

hardware: ASUS P5B-MX [946GZ chipset + GMA 3000] (82946GZ + ICH7 exacly)

kernel config: generic SMP config from /usr/src/sys/i386/conf/SMP

---

% uname -a

FreeBSD siewa 6.2-STABLE FreeBSD 6.2-STABLE #0: Wed Sep 26 09:31:01 CEST 2007 root at siewa:/usr/obj/usr/src/sys/CUSTOM i386

---

% kldstat

Id	Refs	Address	Size	Name
1	12	0xc0400000	7e7820	kernel
2	1	0xc0be8000	633ec	acpi.ko
3	1	0xc53bc000	1b000	linux.ko
4	1	0xc5696000	6000	i915.ko
5	1	0xc569c000	f000	drm.ko

---

# kldload agp

kldload: can't load agp: File exists

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% pkg\_info xf86-video-intel-2.1.1

Information for xf86-video-intel-2.1.1:

Comment:

Driver for Intel integrated graphics chipsets

Description:

Driver for Intel integrated graphics chipsets. It supports the i810,

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i810–DC100, i810e, i815, i830M, 845G, 852GM, 855GM, 865G, 915G, 915GM, 945G, 945GM, 965G, 965Q, 946GZ and 965GM chipsets.

---

```
% pciconf -lv
hostb0 at pci0:0:0: class=0x060000 card=0x823b1043 chip=0x29708086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = bridge
subclass = HOST–PCI
none0 at pci0:2:0: class=0x030000 card=0x823b1043 chip=0x29728086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = display
subclass = VGA
none1 at pci0:27:0: class=0x040300 card=0x82901043 chip=0x27d88086 rev=0x01 hdr=0x00
vendor = 'Intel Corporation'
device = '82801G (ICH7 Family) High Definition Audio'
class = multimedia
uhci0 at pci0:29:0: class=0x0c0300 card=0x81791043 chip=0x27c88086 rev=0x01 hdr=0x00
vendor = 'Intel Corporation'
device = '82801G (ICH7 Family) USB Universal Host Controller'
class = serial bus
subclass = USB
uhci1 at pci0:29:1: class=0x0c0300 card=0x81791043 chip=0x27c98086 rev=0x01 hdr=0x00
vendor = 'Intel Corporation'
device = '82801G (ICH7 Family) USB Universal Host Controller'
class = serial bus
subclass = USB
uhci2 at pci0:29:2: class=0x0c0300 card=0x81791043 chip=0x27ca8086 rev=0x01 hdr=0x00
vendor = 'Intel Corporation'
device = '82801G (ICH7 Family) USB Universal Host Controller'
class = serial bus
subclass = USB
uhci3 at pci0:29:3: class=0x0c0300 card=0x81791043 chip=0x27cb8086 rev=0x01 hdr=0x00
vendor = 'Intel Corporation'
device = '82801G (ICH7 Family) USB Universal Host Controller'
class = serial bus
subclass = USB
ehci0 at pci0:29:7: class=0x0c0320 card=0x81791043 chip=0x27cc8086 rev=0x01 hdr=0x00
vendor = 'Intel Corporation'
device = '82801G (ICH7 Family) USB 2.0 Enhanced Host Controller'
class = serial bus
subclass = USB
pcib1 at pci0:30:0: class=0x060401 card=0x81791043 chip=0x244e8086 rev=0xe1 hdr=0x01
vendor = 'Intel Corporation'
device = '82801BA/CA/DB/DBL/EB/ER/FB (ICH2/3/4/4/5/5/6), 6300ESB Hub Interface to PCI Bridge'
class = bridge
subclass = PCI–PCI
isab0 at pci0:31:0: class=0x060100 card=0x81791043 chip=0x27b88086 rev=0x01 hdr=0x00
vendor = 'Intel Corporation'
device = '82801GB/GR (ICH7 Family) LPC Interface Controller'
class = bridge
```

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```
subclass = PCI-ISA
atapci0 at pci0:31:1: class=0x01018f card=0x81791043 chip=0x27df8086 rev=0x01 hdr=0x00
vendor = 'Intel Corporation'
device = '82801G (ICH7 Family) Ultra ATA Storage Controller'
class = mass storage
subclass = ATA
atapci1 at pci0:31:2: class=0x01018f card=0x81791043 chip=0x27c08086 rev=0x01 hdr=0x00
vendor = 'Intel Corporation'
device = '82801GB/GR/GH (ICH7 Family) Serial ATA Storage Controller'
class = mass storage
subclass = ATA
none2 at pci0:31:3: class=0x0c0500 card=0x81791043 chip=0x27da8086 rev=0x01 hdr=0x00
vendor = 'Intel Corporation'
device = '82801G (ICH7 Family) SMBus Controller'
class = serial bus
subclass = SMBus
r10 at pci1:0:0: class=0x020000 card=0x10015354 chip=0x813910ec rev=0x10 hdr=0x00
vendor = 'Realtek Semiconductor'
device = 'RT8139 (A/B/C/810x/813x/C+) Fast Ethernet Adapter'
class = network
subclass = ethernet
```

---

```
% cat /etc/X11/xorg.conf
Section "ServerLayout"
Identifier "X.org Configured"
Screen 0 "Screen0" 0 0
InputDevice "Mouse0" "CorePointer"
InputDevice "Keyboard0" "CoreKeyboard"
EndSection
```

```
Section "Files"
RgbPath "/usr/local/share/X11/rgb"
ModulePath "/usr/local/lib/xorg/modules"
EndSection
```

```
Section "Module"
Load "dri"
Load "glx"
Load "dbe"
Load "extmod"
EndSection
```

```
Section "Device"
Identifier "Card0"
Driver "intel"
EndSection
```

```
Section "InputDevice"
Identifier "Keyboard0"
```

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```
Driver "kbd"  
EndSection
```

```
Section "InputDevice"  
Identifier "Mouse0"  
Driver "mouse"  
Option "Protocol" "auto"  
Option "Device" "/dev/sysmouse"  
EndSection
```

```
Section "Monitor"  
Identifier "Monitor0"  
HorizSync 30.0 - 83.0  
VertRefresh 55.0 - 75.0  
Option "DPMS"  
EndSection
```

```
Section "Screen"  
Identifier "Screen0"  
Device "Card0"  
Monitor "Monitor0"  
DefaultDepth 24  
SubSection "Display"  
Modes "1280x1024"  
EndSubSection  
EndSection
```

---

```
% cat ~/.xinitrc  
exec twm
```

---

```
% startx  
x3d09e417d83b660d60edaa2f90afe8b4: not found  
xauth: creating new authority file /home/vermaden/.serverauth.851
```

```
X Window System Version 7.2.0  
Release Date: 22 January 2007  
X Protocol Version 11, Revision 0, Release 7.2  
Build Operating System: FreeBSD 6.2-STABLE i386  
Current Operating System: FreeBSD siewa 6.2-STABLE FreeBSD 6.2-STABLE #0: Wed Sep 26 09:31:01  
CEST 2007 root at siewa:/usr/obj/usr/src/sys/CUSTOM i386  
Build Date: 31 July 2007  
Before reporting problems, check http://wiki.x.org  
to make sure that you have the latest version.  
Module Loader present  
Markers: (--) probed, (**) from config file, (==) default setting,  
(++) from command line, (!!) notice, (II) informational,  
(WW) warning, (EE) error, (NI) not implemented, (??) unknown.
```

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```
(==) Log file: "/var/log/Xorg.0.log", Time: Thu Sep 27 12:21:10 2007
(==) Using config file: "/etc/X11/xorg.conf"
(EE) GARTInit: Unable to open /dev/agpgart (No such file or directory)
(EE) intel(0): Failed to allocate framebuffer. Is your VideoRAM set too low?
(EE) intel(0): Failed to allocate framebuffer. Is your VideoRAM set too low?
(EE) intel(0): Failed to allocate framebuffer. Is your VideoRAM set too low?
(EE) intel(0): Failed to allocate framebuffer. Is your VideoRAM set too low?
(EE) intel(0): Failed to allocate framebuffer. Is your VideoRAM set too low?
(EE) intel(0): Couldn't allocate video memory
```

Fatal server error:  
AddScreen/ScreenInit failed for driver 0

X connection to :0.0 broken (explicit kill or server shutdown).

---

```
% cat /var/log/Xorg.0.log
```

```
X Window System Version 7.2.0
Release Date: 22 January 2007
X Protocol Version 11, Revision 0, Release 7.2
Build Operating System: FreeBSD 6.2-STABLE i386
Current Operating System: FreeBSD siewa 6.2-STABLE FreeBSD 6.2-STABLE #0: Wed Sep 26 09:31:01
CEST 2007 root at siewa:/usr/obj/usr/src/sys/CUSTOM i386
Build Date: 31 July 2007
Before reporting problems, check http://wiki.x.org
to make sure that you have the latest version.
Module Loader present
Markers: (--) probed, (**) from config file, (==) default setting,
(++) from command line, (!!) notice, (II) informational,
(WW) warning, (EE) error, (NI) not implemented, (??) unknown.
(==) Log file: "/var/log/Xorg.0.log", Time: Thu Sep 27 12:21:10 2007
(==) Using config file: "/etc/X11/xorg.conf"
(==) ServerLayout "X.org Configured"
(**) |-->Screen "Screen0" (0)
(**) | |-->Monitor "Monitor0"
(**) | |-->Device "Card0"
(**) |-->Input Device "Mouse0"
(**) |-->Input Device "Keyboard0"
(==) FontPath set to:
/usr/local/lib/X11/fonts/misc/,
/usr/local/lib/X11/fonts/TTF/,
/usr/local/lib/X11/fonts/OTF,
/usr/local/lib/X11/fonts/Type1/,
/usr/local/lib/X11/fonts/100dpi/,
/usr/local/lib/X11/fonts/75dpi/
(**) RgbPath set to "/usr/local/share/X11/rgb"
(**) ModulePath set to "/usr/local/lib/xorg/modules"
(II) Loader magic: 0x819e340
(II) Module ABI versions:
X.Org ANSI C Emulation: 0.3
X.Org Video Driver: 1.1
```

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X.Org XInput driver : 0.7  
X.Org Server Extension : 0.3  
X.Org Font Renderer : 0.5  
(II) Loader running on freebsd  
(II) LoadModule: "pcidata"  
(II) Loading /usr/local/lib/xorg/modules//libpcidata.so  
(II) Module pcidata: vendor="X.Org Foundation"  
compiled for 7.2.0, module version = 1.0.0  
ABI class: X.Org Video Driver, version 1.1  
(-- ) Using syscons driver with X support (version 2.0)  
(-- ) using VT number 9  
  
(II) PCI: Probing config type using method 1  
(II) PCI: Config type is 1  
(II) PCI: stages = 0x03, oldVal1 = 0x00000000, mode1Res1 = 0x80000000  
(II) PCI: PCI scan (all values are in hex)  
(II) PCI: 00:00:0: chip 8086,2970 card 1043,823b rev 02 class 06,00,00 hdr 00  
(II) PCI: 00:02:0: chip 8086,2972 card 1043,823b rev 02 class 03,00,00 hdr 00  
(II) PCI: 00:1b:0: chip 8086,27d8 card 1043,8290 rev 01 class 04,03,00 hdr 00  
(II) PCI: 00:1d:0: chip 8086,27c8 card 1043,8179 rev 01 class 0c,03,00 hdr 80  
(II) PCI: 00:1d:1: chip 8086,27c9 card 1043,8179 rev 01 class 0c,03,00 hdr 00  
(II) PCI: 00:1d:2: chip 8086,27ca card 1043,8179 rev 01 class 0c,03,00 hdr 00  
(II) PCI: 00:1d:3: chip 8086,27cb card 1043,8179 rev 01 class 0c,03,00 hdr 00  
(II) PCI: 00:1d:7: chip 8086,27cc card 1043,8179 rev 01 class 0c,03,20 hdr 00  
(II) PCI: 00:1e:0: chip 8086,244e card 0000,0000 rev e1 class 06,04,01 hdr 01  
(II) PCI: 00:1f:0: chip 8086,27b8 card 1043,8179 rev 01 class 06,01,00 hdr 80  
(II) PCI: 00:1f:1: chip 8086,27df card 1043,8179 rev 01 class 01,01,8f hdr 00  
(II) PCI: 00:1f:2: chip 8086,27c0 card 1043,8179 rev 01 class 01,01,8f hdr 00  
(II) PCI: 00:1f:3: chip 8086,27da card 1043,8179 rev 01 class 0c,05,00 hdr 00  
(II) PCI: 01:00:0: chip 10ec,8139 card 5354,1001 rev 10 class 02,00,00 hdr 00  
(II) PCI: End of PCI scan  
(II) Intel Bridge workaround enabled  
(II) Host-to-PCI bridge:  
(II) Bus 0: bridge is at (0:0:0), (0,0,1), BCTRL: 0x0008 (VGA\_EN is set)  
(II) Bus 0 I/O range:  
[0] -1 0 0x00000000 - 0x0000ffff (0x10000) IX[B]  
(II) Bus 0 non-prefetchable memory range:  
[0] -1 0 0x00000000 - 0xffffffff (0x0) MX[B]  
(II) Bus 0 prefetchable memory range:  
[0] -1 0 0x00000000 - 0xffffffff (0x0) MX[B]  
(II) Subtractive PCI-to-PCI bridge:  
(II) Bus 1: bridge is at (0:30:0), (0,1,1), BCTRL: 0x0002 (VGA\_EN is cleared)  
(II) Bus 1 I/O range:  
[0] -1 0 0x0000e000 - 0x0000efff (0x1000) IX[B]  
(II) Bus 1 non-prefetchable memory range:  
[0] -1 0 0xfeb00000 - 0xfebfffff (0x100000) MX[B]  
(II) PCI-to-ISA bridge:  
(II) Bus -1: bridge is at (0:31:0), (0,-1,-1), BCTRL: 0x0008 (VGA\_EN is set)  
(-- ) PCI:\*(0:2:0) Intel Corporation 82946GZ/GL Integrated Graphics Controller rev 2, Mem @  
0xfea00000/20, 0xe0000000/28, I/O @ 0xdc00/3  
(II) Addressable bus resource ranges are

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- [0] –1 0 0x00000000 – 0xffffffff (0x0) MX[B]
- [1] –1 0 0x00000000 – 0x0000ffff (0x10000) IX[B]
- (II) OS–reported resource ranges:
- [0] –1 0 0x00100000 – 0x3fffffff (0x3ff00000) MX[B]E(B)
- [1] –1 0 0x000f0000 – 0x000fffff (0x10000) MX[B]
- [2] –1 0 0x000c0000 – 0x000effff (0x30000) MX[B]
- [3] –1 0 0x00000000 – 0x0009ffff (0xa0000) MX[B]
- [4] –1 0 0x0000ffff – 0x0000ffff (0x1) IX[B]
- [5] –1 0 0x00000000 – 0x000000ff (0x100) IX[B]

- (II) Active PCI resource ranges:
- [0] –1 0 0xfebffc00 – 0xfebfffff (0x400) MX[B]E
- [1] –1 0 0xfe9f7c00 – 0xfe9f7fff (0x400) MX[B]E
- [2] –1 0 0xfe9f8000 – 0xfe9fffff (0x8000) MX[B]E
- [3] –1 0 0xe0000000 – 0xffffffff (0x10000000) MX[B](B)
- [4] –1 0 0xfea00000 – 0xfeafffff (0x100000) MX[B](B)
- [5] –1 0 0x0000e800 – 0x0000e8ff (0x100) IX[B]E
- [6] –1 0 0x00000400 – 0x000004ff (0x100) IX[B]E
- [7] –1 0 0x0000c800 – 0x0000c8ff (0x100) IX[B]E
- [8] –1 0 0x0000c880 – 0x0000c8ff (0x80) IX[B]E
- [9] –1 0 0x0000cc00 – 0x0000ccff (0x100) IX[B]E
- [10] –1 0 0x0000d000 – 0x0000d0ff (0x100) IX[B]E
- [11] –1 0 0x0000d080 – 0x0000d0ff (0x80) IX[B]E
- [12] –1 0 0x0000bc00 – 0x0000bcff (0x100) IX[B]E
- [13] –1 0 0x000008f8 – 0x000008ff (0x8) IX[B]E
- [14] –1 0 0x000008f0 – 0x000008ff (0x10) IX[B]E
- [15] –1 0 0x0000c400 – 0x0000c4ff (0x100) IX[B]E
- [16] –1 0 0x0000c480 – 0x0000c4ff (0x80) IX[B]E
- [17] –1 0 0x0000d880 – 0x0000d8ff (0x80) IX[B]E
- [18] –1 0 0x0000d800 – 0x0000d8ff (0x100) IX[B]E
- [19] –1 0 0x0000d480 – 0x0000d4ff (0x80) IX[B]E
- [20] –1 0 0x0000d400 – 0x0000d4ff (0x100) IX[B]E
- [21] –1 0 0x0000dc00 – 0x0000dc07 (0x8) IX[B](B)

- (II) PCI I/O resource overlap reduced 0x0000c800 from 0x0000c8ff to 0x0000c87f
- (II) PCI I/O resource overlap reduced 0x0000d000 from 0x0000d0ff to 0x0000d07f
- (II) PCI I/O resource overlap reduced 0x000008f0 from 0x000008ff to 0x000008f7
- (II) PCI I/O resource overlap reduced 0x0000c400 from 0x0000c4ff to 0x0000c47f
- (II) PCI I/O resource overlap reduced 0x0000d800 from 0x0000d8ff to 0x0000d87f
- (II) PCI I/O resource overlap reduced 0x0000d400 from 0x0000d4ff to 0x0000d47f

- (II) Active PCI resource ranges after removing overlaps:
- [0] –1 0 0xfebffc00 – 0xfebfffff (0x400) MX[B]E
- [1] –1 0 0xfe9f7c00 – 0xfe9f7fff (0x400) MX[B]E
- [2] –1 0 0xfe9f8000 – 0xfe9fffff (0x8000) MX[B]E
- [3] –1 0 0xe0000000 – 0xffffffff (0x10000000) MX[B](B)
- [4] –1 0 0xfea00000 – 0xfeafffff (0x100000) MX[B](B)
- [5] –1 0 0x0000e800 – 0x0000e8ff (0x100) IX[B]E
- [6] –1 0 0x00000400 – 0x000004ff (0x100) IX[B]E
- [7] –1 0 0x0000c800 – 0x0000c87f (0x80) IX[B]E
- [8] –1 0 0x0000c880 – 0x0000c8ff (0x80) IX[B]E
- [9] –1 0 0x0000cc00 – 0x0000ccff (0x100) IX[B]E
- [10] –1 0 0x0000d000 – 0x0000d07f (0x80) IX[B]E
- [11] –1 0 0x0000d080 – 0x0000d0ff (0x80) IX[B]E

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- [12] -1 0 0x0000bc00 - 0x0000bcff (0x100) IX[B]E
- [13] -1 0 0x000008f8 - 0x000008ff (0x8) IX[B]E
- [14] -1 0 0x000008f0 - 0x000008f7 (0x8) IX[B]E
- [15] -1 0 0x0000c400 - 0x0000c47f (0x80) IX[B]E
- [16] -1 0 0x0000c480 - 0x0000c4ff (0x80) IX[B]E
- [17] -1 0 0x0000d880 - 0x0000d8ff (0x80) IX[B]E
- [18] -1 0 0x0000d800 - 0x0000d87f (0x80) IX[B]E
- [19] -1 0 0x0000d480 - 0x0000d4ff (0x80) IX[B]E
- [20] -1 0 0x0000d400 - 0x0000d47f (0x80) IX[B]E
- [21] -1 0 0x0000dc00 - 0x0000dc07 (0x8) IX[B](B)

(II) OS-reported resource ranges after removing overlaps with PCI:

- [0] -1 0 0x00100000 - 0x3fffffff (0x3ff00000) MX[B]E(B)
- [1] -1 0 0x000f0000 - 0x000fffff (0x10000) MX[B]
- [2] -1 0 0x000c0000 - 0x000effff (0x30000) MX[B]
- [3] -1 0 0x00000000 - 0x0009ffff (0xa0000) MX[B]
- [4] -1 0 0x0000ffff - 0x0000ffff (0x1) IX[B]
- [5] -1 0 0x00000000 - 0x000000ff (0x100) IX[B]

(II) All system resource ranges:

- [0] -1 0 0x00100000 - 0x3fffffff (0x3ff00000) MX[B]E(B)
- [1] -1 0 0x000f0000 - 0x000fffff (0x10000) MX[B]
- [2] -1 0 0x000c0000 - 0x000effff (0x30000) MX[B]
- [3] -1 0 0x00000000 - 0x0009ffff (0xa0000) MX[B]
- [4] -1 0 0xfebffc00 - 0xfebfffff (0x400) MX[B]E
- [5] -1 0 0xfe9f7c00 - 0xfe9f7fff (0x400) MX[B]E
- [6] -1 0 0xfe9f8000 - 0xfe9fffff (0x8000) MX[B]E
- [7] -1 0 0xe0000000 - 0xffffffff (0x10000000) MX[B](B)
- [8] -1 0 0xfea00000 - 0xfeafffff (0x100000) MX[B](B)
- [9] -1 0 0x0000ffff - 0x0000ffff (0x1) IX[B]
- [10] -1 0 0x00000000 - 0x000000ff (0x100) IX[B]
- [11] -1 0 0x0000e800 - 0x0000e8ff (0x100) IX[B]E
- [12] -1 0 0x00000400 - 0x000004ff (0x100) IX[B]E
- [13] -1 0 0x0000c800 - 0x0000c87f (0x80) IX[B]E
- [14] -1 0 0x0000c880 - 0x0000c8ff (0x80) IX[B]E
- [15] -1 0 0x0000cc00 - 0x0000ccff (0x100) IX[B]E
- [16] -1 0 0x0000d000 - 0x0000d07f (0x80) IX[B]E
- [17] -1 0 0x0000d080 - 0x0000d0ff (0x80) IX[B]E
- [18] -1 0 0x0000bc00 - 0x0000bcff (0x100) IX[B]E
- [19] -1 0 0x000008f8 - 0x000008ff (0x8) IX[B]E
- [20] -1 0 0x000008f0 - 0x000008f7 (0x8) IX[B]E
- [21] -1 0 0x0000c400 - 0x0000c47f (0x80) IX[B]E
- [22] -1 0 0x0000c480 - 0x0000c4ff (0x80) IX[B]E
- [23] -1 0 0x0000d880 - 0x0000d8ff (0x80) IX[B]E
- [24] -1 0 0x0000d800 - 0x0000d87f (0x80) IX[B]E
- [25] -1 0 0x0000d480 - 0x0000d4ff (0x80) IX[B]E
- [26] -1 0 0x0000d400 - 0x0000d47f (0x80) IX[B]E
- [27] -1 0 0x0000dc00 - 0x0000dc07 (0x8) IX[B](B)

(II) LoadModule: "dri"

(II) Loading /usr/local/lib/xorg/modules/extensions/libdri.so

(II) Module dri: vendor="X.Org Foundation"

compiled for 7.2.0, module version = 1.0.0

ABI class: X.Org Server Extension, version 0.3

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(II) Loading extension XFree86–DRI  
(II) LoadModule: "glx"  
(II) Loading /usr/local/lib/xorg/modules/extensions//libglx.so  
(II) Module glx: vendor="X.Org Foundation"  
compiled for 7.2.0, module version = 1.0.0  
ABI class: X.Org Server Extension, version 0.3  
(==) AIGLX disabled  
(II) Loading extension GLX  
(II) LoadModule: "dbe"  
(II) Loading /usr/local/lib/xorg/modules/extensions//libdbe.so  
(II) Module dbe: vendor="X.Org Foundation"  
compiled for 7.2.0, module version = 1.0.0  
Module class: X.Org Server Extension  
ABI class: X.Org Server Extension, version 0.3  
(II) Loading extension DOUBLE–BUFFER  
(II) LoadModule: "extmod"  
(II) Loading /usr/local/lib/xorg/modules/extensions//libextmod.so  
(II) Module extmod: vendor="X.Org Foundation"  
compiled for 7.2.0, module version = 1.0.0  
Module class: X.Org Server Extension  
ABI class: X.Org Server Extension, version 0.3  
(II) Loading extension SHAPE  
(II) Loading extension MIT–SUNDRY–NONSTANDARD  
(II) Loading extension BIG–REQUESTS  
(II) Loading extension SYNC  
(II) Loading extension MIT–SCREEN–SAVER  
(II) Loading extension XC–MISC  
(II) Loading extension XFree86–VidModeExtension  
(II) Loading extension XFree86–Misc  
(II) Loading extension XFree86–DGA  
(II) Loading extension DPMS  
(II) Loading extension TOG–CUP  
(II) Loading extension Extended–Visual–Information  
(II) Loading extension XVideo  
(II) Loading extension XVideo–MotionCompensation  
(II) Loading extension X–Resource  
(II) LoadModule: "intel"  
(II) Loading /usr/local/lib/xorg/modules/drivers//intel\_drv.so  
(II) Module intel: vendor="X.Org Foundation"  
compiled for 7.2.0, module version = 2.1.1  
Module class: X.Org Video Driver  
ABI class: X.Org Video Driver, version 1.1  
(II) LoadModule: "mouse"  
(II) Loading /usr/local/lib/xorg/modules/input//mouse\_drv.so  
(II) Module mouse: vendor="X.Org Foundation"  
compiled for 7.2.0, module version = 1.1.1  
Module class: X.Org XInput Driver  
ABI class: X.Org XInput driver, version 0.7  
(II) LoadModule: "kbd"  
(II) Loading /usr/local/lib/xorg/modules/input//kbd\_drv.so  
(II) Module kbd: vendor="X.Org Foundation"

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compiled for 7.2.0, module version = 1.1.0

Module class: X.Org XInput Driver

ABI class: X.Org XInput driver, version 0.7

(II) intel: Driver for Intel Integrated Graphics Chipsets: i810, i810–dc100, i810e, i815, i830M, 845G, 852GM/855GM, 865G, 915G, E7221 (i915), 915GM, 945G, 945GM, 945GME, 965G, 965G, 965Q, 946GZ, 965GM, 965GME/GLE, G33, Q35, Q33

(II) Primary Device is: PCI 00:02:0

(---) Assigning device section with no busID to primary device

(---) Chipset 946GZ found

(II) resource ranges after xf86ClaimFixedResources() call:

[0] –1 0 0x00100000 – 0x3fffffff (0x3ff00000) MX[B]E(B)  
[1] –1 0 0x000f0000 – 0x000fffff (0x10000) MX[B]  
[2] –1 0 0x000c0000 – 0x000effff (0x30000) MX[B]  
[3] –1 0 0x00000000 – 0x0009ffff (0xa0000) MX[B]  
[4] –1 0 0xfebffc00 – 0xfebfffff (0x400) MX[B]E  
[5] –1 0 0xfe9f7c00 – 0xfe9f7fff (0x400) MX[B]E  
[6] –1 0 0xfe9f8000 – 0xfe9fffff (0x8000) MX[B]E  
[7] –1 0 0xe0000000 – 0xffffffff (0x10000000) MX[B](B)  
[8] –1 0 0xfea00000 – 0xfeafffff (0x100000) MX[B](B)  
[9] –1 0 0x0000ffff – 0x0000ffff (0x1) IX[B]  
[10] –1 0 0x00000000 – 0x000000ff (0x100) IX[B]  
[11] –1 0 0x0000e800 – 0x0000e8ff (0x100) IX[B]E  
[12] –1 0 0x00000400 – 0x000004ff (0x100) IX[B]E  
[13] –1 0 0x0000c800 – 0x0000c87f (0x80) IX[B]E  
[14] –1 0 0x0000c880 – 0x0000c8ff (0x80) IX[B]E  
[15] –1 0 0x0000cc00 – 0x0000ccff (0x100) IX[B]E  
[16] –1 0 0x0000d000 – 0x0000d07f (0x80) IX[B]E  
[17] –1 0 0x0000d080 – 0x0000d0ff (0x80) IX[B]E  
[18] –1 0 0x0000bc00 – 0x0000bcff (0x100) IX[B]E  
[19] –1 0 0x000008f8 – 0x000008ff (0x8) IX[B]E  
[20] –1 0 0x000008f0 – 0x000008f7 (0x8) IX[B]E  
[21] –1 0 0x0000c400 – 0x0000c47f (0x80) IX[B]E  
[22] –1 0 0x0000c480 – 0x0000c4ff (0x80) IX[B]E  
[23] –1 0 0x0000d880 – 0x0000d8ff (0x80) IX[B]E  
[24] –1 0 0x0000d800 – 0x0000d87f (0x80) IX[B]E  
[25] –1 0 0x0000d480 – 0x0000d4ff (0x80) IX[B]E  
[26] –1 0 0x0000d400 – 0x0000d47f (0x80) IX[B]E  
[27] –1 0 0x0000dc00 – 0x0000dc07 (0x8) IX[B](B)

(II) resource ranges after probing:

[0] –1 0 0x00100000 – 0x3fffffff (0x3ff00000) MX[B]E(B)  
[1] –1 0 0x000f0000 – 0x000fffff (0x10000) MX[B]  
[2] –1 0 0x000c0000 – 0x000effff (0x30000) MX[B]  
[3] –1 0 0x00000000 – 0x0009ffff (0xa0000) MX[B]  
[4] –1 0 0xfebffc00 – 0xfebfffff (0x400) MX[B]E  
[5] –1 0 0xfe9f7c00 – 0xfe9f7fff (0x400) MX[B]E  
[6] –1 0 0xfe9f8000 – 0xfe9fffff (0x8000) MX[B]E  
[7] –1 0 0xe0000000 – 0xffffffff (0x10000000) MX[B](B)  
[8] –1 0 0xfea00000 – 0xfeafffff (0x100000) MX[B](B)  
[9] 0 0 0x000a0000 – 0x000affff (0x10000) MS[B]  
[10] 0 0 0x000b0000 – 0x000b7fff (0x8000) MS[B]

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```
[11] 0 0 0x000b8000 – 0x000bffff (0x8000) MS[B]
[12] –1 0 0x0000ffff – 0x0000ffff (0x1) IX[B]
[13] –1 0 0x00000000 – 0x000000ff (0x100) IX[B]
[14] –1 0 0x0000e800 – 0x0000e8ff (0x100) IX[B]E
[15] –1 0 0x00000400 – 0x000004ff (0x100) IX[B]E
[16] –1 0 0x0000c800 – 0x0000c87f (0x80) IX[B]E
[17] –1 0 0x0000c880 – 0x0000c8ff (0x80) IX[B]E
[18] –1 0 0x0000cc00 – 0x0000ccff (0x100) IX[B]E
[19] –1 0 0x0000d000 – 0x0000d07f (0x80) IX[B]E
[20] –1 0 0x0000d080 – 0x0000d0ff (0x80) IX[B]E
[21] –1 0 0x0000bc00 – 0x0000bcff (0x100) IX[B]E
[22] –1 0 0x000008f8 – 0x000008ff (0x8) IX[B]E
[23] –1 0 0x000008f0 – 0x000008f7 (0x8) IX[B]E
[24] –1 0 0x0000c400 – 0x0000c47f (0x80) IX[B]E
[25] –1 0 0x0000c480 – 0x0000c4ff (0x80) IX[B]E
[26] –1 0 0x0000d880 – 0x0000d8ff (0x80) IX[B]E
[27] –1 0 0x0000d800 – 0x0000d87f (0x80) IX[B]E
[28] –1 0 0x0000d480 – 0x0000d4ff (0x80) IX[B]E
[29] –1 0 0x0000d400 – 0x0000d47f (0x80) IX[B]E
[30] –1 0 0x0000dc00 – 0x0000dc07 (0x8) IX[B](B)
[31] 0 0 0x000003b0 – 0x000003bb (0xc) IS[B]
[32] 0 0 0x000003c0 – 0x000003df (0x20) IS[B]
(II) Setting vga for screen 0.
(II) Loading sub module "int10"
(II) LoadModule: "int10"
(II) Loading /usr/local/lib/xorg/modules//libint10.so
(II) Module int10: vendor="X.Org Foundation"
compiled for 7.2.0, module version = 1.0.0
ABI class: X.Org Video Driver, version 1.1
(II) Loading sub module "vbe"
(II) LoadModule: "vbe"
(II) Loading /usr/local/lib/xorg/modules//libvbe.so
(II) Module vbe: vendor="X.Org Foundation"
compiled for 7.2.0, module version = 1.1.0
ABI class: X.Org Video Driver, version 1.1
(II) Loading sub module "vgahw"
(II) LoadModule: "vgahw"
(II) Loading /usr/local/lib/xorg/modules//libvgahw.so
(II) Module vgahw: vendor="X.Org Foundation"
compiled for 7.2.0, module version = 0.1.0
ABI class: X.Org Video Driver, version 1.1
(**) intel(0): Depth 24, (–) framebuffer bpp 32
(==) intel(0): RGB weight 888
(==) intel(0): Default visual is TrueColor
(II) intel(0): Integrated Graphics Chipset: Intel(R) 946GZ
(–) intel(0): Chipset: "946GZ"
(–) intel(0): Linear framebuffer at 0xE0000000
(–) intel(0): IO registers at addr 0xFE000000
(==) intel(0): Write-combining range (0xfea00000,0x80000) was already clear
(==) intel(0): Write-combining range (0xfea80000,0x80000) was already clear
(II) intel(0): 2 display pipes available.
```

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```
(==) intel(0): Using XAA for acceleration
(---) intel(0): Will try to allocate texture pool for old Mesa 3D driver.
(II) intel(0): Will try to reserve 32768 kiB of AGP aperture space
for the DRM memory manager.
(II) Loading sub module "ddc"
(II) LoadModule: "ddc"
(II) Loading /usr/local/lib/xorg/modules//libddc.so
(II) Module ddc: vendor="X.Org Foundation"
compiled for 7.2.0, module version = 1.0.0
ABI class: X.Org Video Driver, version 1.1
(II) Loading sub module "i2c"
(II) LoadModule: "i2c"
(II) Loading /usr/local/lib/xorg/modules//libi2c.so
(II) Module i2c: vendor="X.Org Foundation"
compiled for 7.2.0, module version = 1.2.0
ABI class: X.Org Video Driver, version 1.1
(II) intel(0): Output VGA using monitor section Monitor0
(II) intel(0): I2C bus "CRTDDC_A" initialized.
(II) intel(0): I2C bus "SDVOCTRL_E for SDVOB" initialized.
(II) intel(0): I2C device "SDVOCTRL_E for SDVOB:SDVO Controller B" registered at address 0x70.
(II) intel(0): No SDVO device found on SDVOB
(II) intel(0): I2C device "SDVOCTRL_E for SDVOB:SDVO Controller B" removed.
(II) intel(0): I2C bus "SDVOCTRL_E for SDVOB" removed.
(II) intel(0): I2C bus "SDVOCTRL_E for SDVOC" initialized.
(II) intel(0): I2C device "SDVOCTRL_E for SDVOC:SDVO Controller C" registered at address 0x72.
(II) intel(0): No SDVO device found on SDVOC
(II) intel(0): I2C device "SDVOCTRL_E for SDVOC:SDVO Controller C" removed.
(II) intel(0): I2C bus "SDVOCTRL_E for SDVOC" removed.
(==) intel(0): Write-combining range (0xa0000,0x10000) was already clear
(II) intel(0): I2C device "CRTDDC_A:ddc2" registered at address 0xA0.
(II) intel(0): I2C device "CRTDDC_A:ddc2" removed.
(II) intel(0): Using hsync ranges from config file
(II) intel(0): Using vrefresh ranges from config file
(II) intel(0): Printing DDC gathered Modelines:
(II) intel(0): Modeline "800x600" 40.00 800 840 968 1056 600 601 605 628 +hsync +vsync
(II) intel(0): Modeline "640x480" 31.50 640 656 720 840 480 481 484 500 -hsync -vsync
(II) intel(0): Modeline "640x480" 25.20 640 656 752 800 480 490 492 525 -hsync -vsync
(II) intel(0): Modeline "720x400" 28.32 720 738 846 900 400 412 414 449 -hsync +vsync
(II) intel(0): Modeline "1280x1024" 135.00 1280 1296 1440 1688 1024 1025 1028 1066 +hsync +vsync
(II) intel(0): Modeline "1024x768" 78.80 1024 1040 1136 1312 768 769 772 800 +hsync +vsync
(II) intel(0): Modeline "1024x768" 75.00 1024 1048 1184 1328 768 771 777 806 -hsync -vsync
(II) intel(0): Modeline "1024x768" 65.00 1024 1048 1184 1344 768 771 777 806 -hsync -vsync
(II) intel(0): Modeline "800x600" 49.50 800 816 896 1056 600 601 604 625 +hsync +vsync
(II) intel(0): Modeline "1280x1024" 138.75 1280 1368 1504 1728 1024 1027 1034 1072 -hsync +vsync
(II) intel(0): Modeline "1280x1024" 109.00 1280 1368 1496 1712 1024 1027 1034 1063 -hsync +vsync
(II) intel(0): Modeline "1024x768" 82.00 1024 1088 1192 1360 768 771 775 805 -hsync +vsync
(II) intel(0): Modeline "1024x768" 63.50 1024 1072 1176 1328 768 771 775 798 -hsync +vsync
(II) intel(0): Modeline "800x600" 49.00 800 840 920 1040 600 603 607 629 -hsync +vsync
(II) intel(0): Modeline "800x600" 38.25 800 832 912 1024 600 603 607 624 -hsync +vsync
(II) intel(0): Modeline "1280x1024" 108.00 1280 1328 1440 1688 1024 1025 1028 1066 +hsync +vsync
(II) intel(0): EDID vendor "ACR", prod id 44369
```

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```
(II) intel(0): Output VGA connected
(II) intel(0): Output VGA using initial mode 1280x1024
(==) intel(0): Write-combining range (0xa0000,0x10000) was already clear
(II) intel(0): detected 512 kB GTT.
(II) intel(0): detected 7676 kB stolen memory.
(==) intel(0): video overlay key set to 0x101fe
(==) intel(0): Will not try to enable page flipping
(==) intel(0): Triple buffering disabled
(==) intel(0): Using gamma correction (1.0, 1.0, 1.0)
(**) intel(0): Display dimensions: (340, 270) mm
(**) intel(0): DPI set to (95, 120)
(II) Loading sub module "fb"
(II) LoadModule: "fb"
(II) Loading /usr/local/lib/xorg/modules//libfb.so
(II) Module fb: vendor="X.Org Foundation"
compiled for 7.2.0, module version = 1.0.0
ABI class: X.Org ANSI C Emulation, version 0.3
(II) Loading sub module "xaa"
(II) LoadModule: "xaa"
(II) Loading /usr/local/lib/xorg/modules//libxaa.so
(II) Module xaa: vendor="X.Org Foundation"
compiled for 7.2.0, module version = 1.2.0
ABI class: X.Org Video Driver, version 1.1
(II) Loading sub module "ramdac"
(II) LoadModule: "ramdac"
(II) Loading /usr/local/lib/xorg/modules//libramdac.so
(II) Module ramdac: vendor="X.Org Foundation"
compiled for 7.2.0, module version = 0.1.0
ABI class: X.Org Video Driver, version 1.1
(II) intel(0): Comparing regs from server start up to After PreInit
(==) Depth 24 pixmap format is 32 bpp
(II) do I need RAC? No, I don't.
(II) resource ranges after preInit:
[0] 0 0 0xe0000000 - 0xefffffff (0x10000000) MS[B]
[1] 0 0 0xfea00000 - 0xfeafffff (0x100000) MS[B]
[2] -1 0 0x00100000 - 0x3fffffff (0x3ff00000) MX[B]E(B)
[3] -1 0 0x000f0000 - 0x000fffff (0x10000) MX[B]
[4] -1 0 0x000c0000 - 0x000effff (0x30000) MX[B]
[5] -1 0 0x00000000 - 0x0009ffff (0xa0000) MX[B]
[6] -1 0 0xfebffc00 - 0xfebfffff (0x400) MX[B]E
[7] -1 0 0xfe9f7c00 - 0xfe9f7fff (0x400) MX[B]E
[8] -1 0 0xfe9f8000 - 0xfe9fffff (0x8000) MX[B]E
[9] -1 0 0xe0000000 - 0xefffffff (0x10000000) MX[B](B)
[10] -1 0 0xfea00000 - 0xfeafffff (0x100000) MX[B](B)
[11] 0 0 0x000a0000 - 0x000affff (0x10000) MS[B](OprD)
[12] 0 0 0x000b0000 - 0x000b7fff (0x8000) MS[B](OprD)
[13] 0 0 0x000b8000 - 0x000bffff (0x8000) MS[B](OprD)
[14] 0 0 0x0000dc00 - 0x0000dc07 (0x8) IS[B]
[15] -1 0 0x0000ffff - 0x0000ffff (0x1) IX[B]
[16] -1 0 0x00000000 - 0x000000ff (0x100) IX[B]
[17] -1 0 0x0000e800 - 0x0000e8ff (0x100) IX[B]E
```

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[18] -1 0 0x00000400 - 0x000004ff (0x100) IX[B]E  
[19] -1 0 0x0000c800 - 0x0000c87f (0x80) IX[B]E  
[20] -1 0 0x0000c880 - 0x0000c8ff (0x80) IX[B]E  
[21] -1 0 0x0000cc00 - 0x0000ccff (0x100) IX[B]E  
[22] -1 0 0x0000d000 - 0x0000d07f (0x80) IX[B]E  
[23] -1 0 0x0000d080 - 0x0000d0ff (0x80) IX[B]E  
[24] -1 0 0x0000bc00 - 0x0000bcff (0x100) IX[B]E  
[25] -1 0 0x000008f8 - 0x000008ff (0x8) IX[B]E  
[26] -1 0 0x000008f0 - 0x000008f7 (0x8) IX[B]E  
[27] -1 0 0x0000c400 - 0x0000c47f (0x80) IX[B]E  
[28] -1 0 0x0000c480 - 0x0000c4ff (0x80) IX[B]E  
[29] -1 0 0x0000d880 - 0x0000d8ff (0x80) IX[B]E  
[30] -1 0 0x0000d800 - 0x0000d87f (0x80) IX[B]E  
[31] -1 0 0x0000d480 - 0x0000d4ff (0x80) IX[B]E  
[32] -1 0 0x0000d400 - 0x0000d47f (0x80) IX[B]E  
[33] -1 0 0x0000dc00 - 0x0000dc07 (0x8) IX[B](B)  
[34] 0 0 0x000003b0 - 0x000003bb (0xc) IS[B](OprU)  
[35] 0 0 0x000003c0 - 0x000003df (0x20) IS[B](OprU)  
(EE) GARTInit: Unable to open /dev/agpgart (No such file or directory)  
(WW) intel(0): /dev/agpgart is either not available, or no memory is available for allocation. Using pre-allocated memory only.  
(==) intel(0): VideoRam: 7676 KB  
(==) intel(0): Write-combining range (0xfea00000,0x80000) was already clear  
(==) intel(0): Write-combining range (0xfea80000,0x80000) was already clear  
(II) intel(0): Attempting memory allocation with tiled buffers and large DRI memory manager reservation:  
(II) intel(0): Allocating 255 scanlines for pixmap cache  
(EE) intel(0): Failed to allocate framebuffer. Is your VideoRAM set too low?  
(II) intel(0): Attempting memory allocation with tiled buffers and small DRI memory manager reservation:  
(II) intel(0): Allocating 255 scanlines for pixmap cache  
(EE) intel(0): Failed to allocate framebuffer. Is your VideoRAM set too low?  
(II) intel(0): Attempting memory allocation with untiled buffers and large DRI memory manager reservation:  
(II) intel(0): Allocating 255 scanlines for pixmap cache  
(EE) intel(0): Failed to allocate framebuffer. Is your VideoRAM set too low?  
(II) intel(0): Attempting memory allocation with untiled buffers and small DRI memory manager reservation:  
(II) intel(0): Allocating 255 scanlines for pixmap cache  
(EE) intel(0): Failed to allocate framebuffer. Is your VideoRAM set too low?  
(WW) intel(0): Not enough video memory. Disabling DRI.  
(II) intel(0): Allocating 255 scanlines for pixmap cache  
(EE) intel(0): Failed to allocate framebuffer. Is your VideoRAM set too low?  
(EE) intel(0): Couldn't allocate video memory

Fatal server error:  
AddScreen/ScreenInit failed for driver 0

---

Tutaj sa Twei nowi znajomi!

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Sprawdz >>> <http://link.interia.pl/f1bb7>

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