
Subject: OpenVZ and Tyan Thunder n3600m s2932 motherboard

Posted by [mperkel](#) on Sun, 31 Aug 2008 05:34:03 GMT

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Has anyone ever used a Tyan Thunder n3600m s2932 motherboard with OpenVZ? I'm having kernel problem accessing SATA drives. It want to Oops after a short time. Uses nVidia chipset. Normal Fedora kernels work fine.

Thanks in advance.

Subject: Re: OpenVZ and Tyan Thunder n3600m s2932 motherboard

Posted by [maratrus](#) on Mon, 01 Sep 2008 12:27:02 GMT

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Hi,

what kind of Fedora kernels work with your motherboard?

could you please show lspci and lspci -n output?

Subject: Re: OpenVZ and Tyan Thunder n3600m s2932 motherboard

Posted by [mperkel](#) on Mon, 01 Sep 2008 13:13:38 GMT

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lspci

```
00:00.0 RAM memory: nVidia Corporation MCP55 Memory Controller (rev a2)
00:01.0 ISA bridge: nVidia Corporation MCP55 LPC Bridge (rev a3)
00:01.1 SMBus: nVidia Corporation MCP55 SMBus (rev a3)
00:02.0 USB Controller: nVidia Corporation MCP55 USB Controller (rev a1)
00:02.1 USB Controller: nVidia Corporation MCP55 USB Controller (rev a2)
00:04.0 IDE interface: nVidia Corporation MCP55 IDE (rev a1)
00:05.0 IDE interface: nVidia Corporation MCP55 SATA Controller (rev a3)
00:05.1 IDE interface: nVidia Corporation MCP55 SATA Controller (rev a3)
00:05.2 IDE interface: nVidia Corporation MCP55 SATA Controller (rev a3)
00:06.0 PCI bridge: nVidia Corporation MCP55 PCI bridge (rev a2)
00:08.0 Bridge: nVidia Corporation MCP55 Ethernet (rev a3)
00:0a.0 PCI bridge: nVidia Corporation MCP55 PCI Express bridge (rev a3)
00:0d.0 PCI bridge: nVidia Corporation MCP55 PCI Express bridge (rev a3)
00:0e.0 PCI bridge: nVidia Corporation MCP55 PCI Express bridge (rev a3)
00:0f.0 PCI bridge: nVidia Corporation MCP55 PCI Express bridge (rev a3)
00:18.0 Host bridge: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron]
HyperTransport Configuration
00:18.1 Host bridge: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron]
Address Map
```

00:18.2 Host bridge: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] DRAM Controller
00:18.3 Host bridge: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Miscellaneous Control
00:18.4 Host bridge: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Link Control
00:19.0 Host bridge: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] HyperTransport Configuration
00:19.1 Host bridge: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Address Map
00:19.2 Host bridge: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] DRAM Controller
00:19.3 Host bridge: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Miscellaneous Control
00:19.4 Host bridge: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Link Control
01:07.0 VGA compatible controller: ATI Technologies Inc ES1000 (rev 02)
03:00.0 PCI bridge: NEC Corporation uPD720400 PCI Express - PCI/PCI-X Bridge (rev 07)
03:00.1 PCI bridge: NEC Corporation uPD720400 PCI Express - PCI/PCI-X Bridge (rev 07)

Subject: Re: OpenVZ and Tyan Thunder n3600m s2932 motherboard

Posted by [lj2012](#) on Mon, 01 Sep 2008 15:07:12 GMT

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hello,

We have 2 tyan gt20 running openvz fine.

I think this is also a tyan thunder s2932 motherboard, I'm not sure.

Hard drives are 1x350 and 4x 1Tb sata:

```
[root@ty1 ~]# uname -a
```

```
Linux ty1.xxxx.xx 2.6.18-92.1.1.el5.028stab057.2 #1 SMP Mon Jul 21 17:08:31 MSD 2008 x86_64  
x86_64 x86_64 GNU/Linux
```

```
[root@ty1 ~]# lspci
```

```
00:00.0 RAM memory: nVidia Corporation MCP55 Memory Controller (rev a2)
```

```
00:01.0 ISA bridge: nVidia Corporation MCP55 LPC Bridge (rev a3)
```

```
00:01.1 SMBus: nVidia Corporation MCP55 SMBus (rev a3)
```

```
00:02.0 USB Controller: nVidia Corporation MCP55 USB Controller (rev a1)
```

```
00:02.1 USB Controller: nVidia Corporation MCP55 USB Controller (rev a2)
```

```
00:04.0 IDE interface: nVidia Corporation MCP55 IDE (rev a1)
```

```
00:05.0 IDE interface: nVidia Corporation MCP55 SATA Controller (rev a3)
```

```
00:05.1 IDE interface: nVidia Corporation MCP55 SATA Controller (rev a3)
```

```
00:05.2 IDE interface: nVidia Corporation MCP55 SATA Controller (rev a3)
```

00:06.0 PCI bridge: nVidia Corporation MCP55 PCI bridge (rev a2)
00:08.0 Bridge: nVidia Corporation MCP55 Ethernet (rev a3)
00:09.0 Bridge: nVidia Corporation MCP55 Ethernet (rev a3)
00:0a.0 PCI bridge: nVidia Corporation MCP55 PCI Express bridge (rev a3)
00:0b.0 PCI bridge: nVidia Corporation MCP55 PCI Express bridge (rev a3)
00:0c.0 PCI bridge: nVidia Corporation MCP55 PCI Express bridge (rev a3)
00:0d.0 PCI bridge: nVidia Corporation MCP55 PCI Express bridge (rev a3)
00:0e.0 PCI bridge: nVidia Corporation MCP55 PCI Express bridge (rev a3)
00:0f.0 PCI bridge: nVidia Corporation MCP55 PCI Express bridge (rev a3)
00:18.0 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] HyperTransport Technology Configuration
00:18.1 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] Address Map
00:18.2 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] DRAM Controller
00:18.3 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] Miscellaneous Control
01:0a.0 VGA compatible controller: XGI Technology Inc. (eXtreme Graphics Innovation) Volari Z7

```
[root@ty1 ~]# cat /proc/scsi/scsi
Attached devices:
Host: scsi0 Channel: 00 Id: 00 Lun: 00
  Vendor: ATA      Model: ST9160823AS   Rev: 3.AA
  Type:   Direct-Access          ANSI SCSI revision: 05
Host: scsi1 Channel: 00 Id: 00 Lun: 00
  Vendor: ATA      Model: SAMSUNG HD103UJ  Rev: 1AA0
  Type:   Direct-Access          ANSI SCSI revision: 05
Host: scsi2 Channel: 00 Id: 00 Lun: 00
  Vendor: ATA      Model: SAMSUNG HD103UJ  Rev: 1AA0
  Type:   Direct-Access          ANSI SCSI revision: 05
Host: scsi3 Channel: 00 Id: 00 Lun: 00
  Vendor: ATA      Model: ST31000340AS    Rev: SD15
  Type:   Direct-Access          ANSI SCSI revision: 05
Host: scsi4 Channel: 00 Id: 00 Lun: 00
  Vendor: ATA      Model: ST31000340AS    Rev: SD15
  Type:   Direct-Access          ANSI SCSI revision: 05
[root@ty1 ~]#
```

It is a centos 5.2 with openvz kernel, followed this orders:

http://wiki.openvz.org/Install_OpenVZ_on_a_x86_64_system_Centos-Fedora

Just be aware that you install the x86_64 flavour of the kernel:

```
yum remove ovzkernel
yum install ovzkernel.x86_64
```

the .x86_64 is the one.

Good luck.

Subject: Re: OpenVZ and Tyan Thunder n3600m s2932 motherboard
Posted by [maratrus](#) on Tue, 02 Sep 2008 15:54:52 GMT

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Hello,

Quote:

what kind of Fedora kernels work with your motherboard?
could you please show lspci -n output?
