

## Testbericht Supermicro Mainboard H8DME-2

### Betriebssystemkompatibilität | Operating System Compatibility

Für Suse OS muß der ACPI Modus im BIOS Disabled werden / For using Suse OS must ACPI Disabled in BIOS

#### "externer" RAID-Controller | external RAID-Controller

Betriebssystem <i>Operating System</i>	Kernel	Service Pack	SATA-RAID-Controller				SCSI-RAID-Controller			SAS-RAID-Controller			Mini-SAS-RAID-Controller	
			3Ware 9550SX	3Ware 9650X	ARECA ARC-11xx	ARECA ARC-12xx	LSI 20320R	ICP 9014RO	ICP 9024RO	Adaptec 44300	Adaptec 4805SAS	ICP 5085BR	Adaptec 3405/3805	ICP 5125 / 5165
<b>Debian</b>														
Debian 3.1 stable 32bit	v.2.6.8		X	X	OK	OK	OK	OK	OK	X	X	X	-	-
Debian TKS Custom (Debian 4.0)	v.2.6.20		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
<b>Ubuntu</b>														
Ubuntu Server 6.06.1 (32bit)	v.2.6.15		OK	X	OK	OK	OK	-	-	-	OK	OK	OK	OK
Ubuntu Server 6.06.1 (64bit)	v.2.6.15		OK	X	OK	OK	OK	-	-	-	OK	OK	OK	OK
Ubuntu Server 7.04 (32bit)	v.2.6.20		-	OK	OK	OK	*	*	*	-	-	-	OK	OK
Ubuntu Server 7.04 (64bit)	v.2.6.20		-	OK	OK	OK	*	*	*	-	-	-	OK	OK
<b>RedHat Enterprise Server</b>														
RedHat Enterprise Server AS 4 (32bit)	v.2.6.9		X	-	OK*	OK*	OK	OK	OK	OK*	-	-	-	-
RedHat Enterprise Server AS 4 (64bit)	v.2.6.9		X	-	OK*	OK*	OK	OK	OK	OK*	-	-	-	-
RedHat Enterprise Server AS 4 (32bit)	v.2.6.9-42		X	OK*	OK*	OK*	OK	OK	OK	OK*	OK	OK	OK	OK
RedHat Enterprise Server AS 4 (64bit)	v.2.6.9-42		X	OK*	OK*	OK*	OK	OK	OK	OK*	OK	OK	OK	OK
RedHat Enterprise Server AS 5 (32bit)	v.2.6.18		-	X	OK*	OK*	*	*	*	-	-	-	OK	OK
RedHat Enterprise Server AS 5 (64bit)	v.2.6.18		-	X	OK*	OK*	*	*	*	-	-	-	OK	OK
<b>Cent OS</b>														
CentOS 4.4 (32bit)	v.2.6.9		OK	OK*	OK	OK	OK	-	-	-	-	-	OK	OK
CentOS 4.4 (64bit)	v.2.6.9		OK	OK*	OK	OK	OK	-	-	-	-	-	OK	OK
CentOS 5 (32bit)	v.2.6.18		-	X	OK*	OK*	*	*	*	-	-	-	OK	OK
CentOS 5 (64bit)	v.2.6.18		-	X	OK*	OK*	*	*	*	-	-	-	OK	OK
<b>Fedora</b>														
Fedora Core 5 (32bit)	v.2.6.16		OK	-	X	X	OK	OK	OK	X	OK	OK	-	-
Fedora Core 5 (64bit)	v.2.6.16		OK	-	X	X	OK	OK	OK	X	OK	OK	-	-
Fedora Core 6 (32bit)	v.2.6.18		OK	OK*	-	-	OK	OK	OK	X	OK	OK	OK	OK
Fedora Core 6 (64bit)	v.2.6.18		OK	OK*	-	-	OK	OK	OK	X	OK	OK	OK	OK
Fedora Core 7 (32bit)	v.2.6.21		-	OK*	X	X	*	*	*	-	-	-	OK	OK
Fedora Core 7 (64bit)	v.2.6.21		-	OK	X	X	*	*	*	-	-	-	OK	OK
<b>Novell / Suse Linux</b>														
Suse Linux Pro 10.0 (32bit)	v.2.6.13		OK*	-	OK*	OK*	OK	OK	OK	OK*	-	-	-	-
Suse Linux Pro 10.0 (64bit)	v.2.6.13		OK*	-	OK*	OK*	OK	OK	OK	OK*	-	-	-	-
Suse Linux Pro 10.1 (32bit)	v.2.6.16		OK*	OK**	OK*	OK*	OK	OK	OK	OK*	OK*	OK*	OK	OK
Suse Linux Pro 10.1 (64bit)	v.2.6.16		OK*	OK**	OK*	OK*	OK	OK	OK	OK*	OK*	OK*	OK	OK
Suse Linux Enterprise Server 9.0 (32bit)	v2.4.20		OK*	-	OK*****	OK*****	OK	OK*	OK*	OK*	OK**	OK**	-	-
Suse Linux Enterprise Server 9.0 (64bit)	v2.4.20		OK*	-	OK*****	OK*****	OK	OK*	OK*	OK*	X	X	-	-
Suse Linux Enterprise Server 10.0 (32bit)	v2.6.16		OK	OK**	OK*	OK*	OK	OK	OK	OK*	OK*	OK*	OK	OK
Suse Linux Enterprise Server 10.0 (64bit)	v2.6.16		OK	OK**	OK*	OK*	OK	OK	OK	OK*	OK*	OK*	OK	OK
<b>Microsoft Windows</b>														
Windows 2003 Server (32bit)			OK*	OK*	OK*	OK*	OK*	OK*	OK*	OK*	OK*	OK*	OK*	OK*
Windows 2003 Server (64bit)			OK*	OK*	OK*	OK*	OK*	OK*	OK*	OK*	OK*	OK*	OK*	OK*
Windows 2008 Server (32bit)			*	*	*	*	*	*	*	*	-	-	*	*
Windows 2008 Server (64bit)			*	*	*	*	*	*	*	*	-	-	*	*

Anmerkungen zu "OK"   notes for "OK"	
*	manuelle Treiberbindung! / manual driver installation
**	manuelle Treiberbindung! Vor erstem Reboot, muss der Treiber nochmal manuell eingebunden werden! / manual driver installation; after Installation the driver has to be installed manually
***	Kernel muss mit Treibermodulen kompiliert werden / Kernel has to be compiled manually with driver-modules
****	Mit Adaptec AHCI; Im BIOS Auswählbar / using Adaptec AHCI, Bios-Option
*****	im System kann kein Floppy verbaut werden. D.h. Installation mit USB-Floppy! USB wurde von RHES nicht erkannt! es muss temporär ein Floppy an den internen Anschluss angeschlossen werden, dann wäre Installation möglich! /no floppy possible in this system! You have to use USB-Floppy! USB-Floppy won't work with RHES!, therefore you have to install temporarily a Floppy-Drive on the internal connector
*****	komplizierte Treiberbindung   complicated driver installation
Anmerkungen zu Sonstige   notes for "others"	
-	nicht getestet / not tested
X	Nicht ok, da kein Treiber / Not ok, no driver
*	Verifizierung läuft / Verification

# Testbericht Supermicro Mainboard H8DME-2

## Betriebssystemkompatibilität | Operating System Compatibility

### Onboard-Komponenten / Onboard Components

Betriebssystem Operating System	Kernel	Service Pack	SATA-RAID-Controller		Netzwerkkarten	
			SATA mit RAID	SATA ohne RAID	NIC1	NIC2
<b>Debian</b>						
Debian 3.1 stable 32bit	v.2.6.8		X	X	-	-
Debian TKS Custom (Debian 4.0)	v.2.6.20		-	OK	OK	OK
<b>Ubuntu</b>						
Ubuntu Server 6.06.1 (32bit)	v.2.6.15		X	OK	OK	OK
Ubuntu Server 6.06.1 (64bit)	v.2.6.15		X	OK	OK	OK
Ubuntu Server 7.04 (32bit)	v.2.6.20		X	OK	OK	OK
Ubuntu Server 7.04 (64bit)	v.2.6.20		X	OK	OK	OK
<b>RedHat Enterprise Server</b>						
RedHat Enterprise Server AS 4 (32bit)	v.2.6.9		-	-	-	-
RedHat Enterprise Server AS 4 (64bit)	v.2.6.9		-	-	-	-
RedHat Enterprise Server AS 4 (32bit)	v.2.6.9-42		X	OK	OK	OK
RedHat Enterprise Server AS 4 (64bit)	v.2.6.9-42		X	OK	OK	OK
RedHat Enterprise Server AS 5 (32bit)	v.2.6.18		*	*	OK	OK
RedHat Enterprise Server AS 5 (64bit)	v.2.6.18		*	*	OK	OK
<b>Cent OS</b>						
CentOS 4.4 (32bit)	v.2.6.9		X	OK	OK	OK
CentOS 4.4 (64bit)	v.2.6.9		X	OK	OK	OK
CentOS 5 (32bit)	v.2.6.18		*	*	OK	OK
CentOS 5 (64bit)	v.2.6.18		*	*	OK	OK
<b>Fedora</b>						
Fedora Core 5 (32bit)	v.2.6.16		-	-	-	-
Fedora Core 5 (64bit)	v.2.6.16		-	-	-	-
Fedora Core 6 (32bit)	v.2.6.18		X	OK	OK	OK
Fedora Core 6 (64bit)	v.2.6.18		X	OK	OK	OK
Fedora Core 7 (32bit)	v.2.6.21		*	*	OK	OK
Fedora Core 7 (64bit)	v.2.6.21		*	*	OK	OK
<b>Novell / Suse Linux</b>						
Suse Linux Pro 10.0 (32bit)	v.2.6.13		-	-	-	-
Suse Linux Pro 10.0 (64bit)	v.2.6.13		-	-	-	-
Suse Linux Pro 10.1 (32bit)	v.2.6.16		X	OK	OK	OK
Suse Linux Pro 10.1 (64bit)	v.2.6.16		X	OK	OK	OK
Suse Linux Enterprise Server 9.0 (32bit)	v2.4.20		X	X	-	-
Suse Linux Enterprise Server 9.0 (64bit)	v2.4.20		X	X	-	-
Suse Linux Enterprise Server 10.0 (32bit)	v2.6.16		X	OK	OK	OK
Suse Linux Enterprise Server 10.0 (64bit)	v2.6.16		X	OK	OK	OK
<b>Microsoft Windows</b>						
Windows 2003 Server (32bit)			OK*	OK	OK*	OK*
Windows 2003 Server (64bit)			OK*	OK	OK*	OK*
Windows 2008 Server (32bit)			*	*	*	*
Windows 2008 Server (64bit)			*	*	*	*

### Anmerkungen zu "OK" / notes for "OK"

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**	manuelle Treibereinbindung! Vor erstem Reboot, muss der Treiber nochmal manuell eingebunden werden!
***	/ manual driver installation; after Installation the driver has to be installed manually
****	Kernel muss mit Treibermodulen kompiliert werden / Kernel has to be compiled manually with driver-modules
*****	Mit Adaptec AHCI; Im BIOS Auswählbar / using Adaptec AHCI, Bios-Option
*****	im System kann kein Floppy verbaut werden. D.h. Installation mit USB-Floppy! USB wurde von RHES nicht erkannt! es muss temporär ein Floppy an den internen Anschluss angeschlossen werden, dann wäre Installation möglich! /no floppy possible in this system! You have to use USB-Floppy! USB-Floppy won't work with RHES!, therefore you have to install temporarily a Floppy-Drive on the internal connector
*****	komplizierte Treibereinbindung / complicated driver installation

### Anmerkungen zu Sonstige / notes for "others"

-	nicht getestet / not tested
X	Nicht ok, da kein Treiber / Not ok, no driver
*	Verifizierung läuft / Verification