

Betriebssystemkompatibilität / Operating System Compatibility

RAID-Controller / Zusatzkarten

Betriebssystem / Operating System	Architektur	Kernel	SATA-RAID-Controller		SAS-RAID-Controller		Zusatzkarten
			3Ware 9650	3Ware 9690	Adaptec 5xxx	Adaptec 1045	
Linux							
Debian							
Debian Stable 5.0	32-Bit	2.6.26-1	x ⁶	OK	OK		OK ²
Debian Stable 5.0	64-Bit	2.6.26-1	x ⁶	OK	OK		OK ²
Debian TK-System	32-Bit	2.6.28.9-tks	OK	OK	OK		OK ²
Debian TK-System	32-Bit	2.6.28.9-tks	OK	OK	OK		OK ²
Ubuntu							
Ubuntu Server 8.10	32-Bit	2.6.27-7	OK	OK	OK		OK ²
Ubuntu Server 8.10	64-Bit	2.6.27-7	OK	OK	OK		OK ²
Ubuntu Server 9.04	32-Bit	2.6.28-11	OK	OK	OK		OK ²
Ubuntu Server 9.04	64-Bit	2.6.28-11	OK	OK	OK		OK ²
RedHat Enterprise Server							
RedHat Enterprise Server 5.3	32-Bit	2.6.18-128	OK	OK	OK		OK ²
RedHat Enterprise Server 5.3	64-Bit	2.6.18-128	OK	OK	OK		OK ²
Cent OS							
Cent OS 5.3	32-Bit	2.6.18-128.el5	OK	OK	OK		OK ²
Cent OS 5.3	64-Bit	2.6.18-128.el5	OK	OK	OK		OK ²
Novell / Suse Linux							
Suse Linux Enterprise Server 10 SP2	32-Bit	2.6.16.60-021	OK	OK	OK		OK ²
Suse Linux Enterprise Server 10 SP2	64-Bit	2.6.16.60-021	OK	OK	OK		OK ²
Suse Linux Enterprise Server 11	32-Bit	2.6.27.19-5	OK	OK	OK		OK ²
Suse Linux Enterprise Server 11	64-Bit	2.6.27.19-5	OK	OK	OK		OK ²
Windows							
Microsoft Windows Server							
Windows 2003 Server Standard	32-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2003 Server Standard	64-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2003 Server Enterprise	32-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2003 Server Enterprise	64-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2003 Server Webserver	32-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2003 Server Webserver	64-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2008 Server Standard	32-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2008 Server Standard	64-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2008 Server Enterprise	32-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2008 Server Enterprise	64-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2008 Server Webserver	32-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2008 Server Webserver	64-Bit		OK ¹	OK ¹	OK ¹		OK ²
Microsoft Windows Small Business Server							
Windows 2003 SBS Standard	32-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2003 SBS Standard	64-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2003 SBS Premium	32-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2003 SBS Premium	64-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2008 SBS Standard	32-Bit		OK ¹	OK ¹	OK ¹		OK ²
Windows 2008 SBS Premium	64-Bit		OK ¹	OK ¹	OK ¹		OK ²
Microsoft Windows Desktop OS							
Windows XP Professional	32-Bit		x ⁴	x ⁴	x ⁴		x ⁴
Windows XP Professional	64-Bit		x ⁴	x ⁴	x ⁴		x ⁴
Windows Vista	32-Bit		x ⁴	x ⁴	x ⁴		x ⁴
Windows Vista	64-Bit		x ⁴	x ⁴	x ⁴		x ⁴
Virtualisierung							
Vmware							
ESXi 4 U1					OK		
ESX 4 U1					OK		
Xen							
XenServer 5.5					OK		

OK = Installation ohne manuelle Treibereinbindung / Installation without installing additional driver

1 = manuelle Treibereinbindung! / manual driver installation

2 = Nur als HBA ohne Platten für externe Backuplaufwerke getestet

3 = Das System wurde getestet! Bitte achten Sie dennoch darauf, dass das System (der Controller) auf der HCL von Vmware für den installierbaren ESXi gelistet ist

1 = kein Treiber vorhanden / no driver available

2 = Installation möglich, beim Ersten Boot Fehler (Grub) / Installation possible, after booting grub-error

3 = Vom Hersteller nicht zertifiziert / not certified from the supplier

4 = Nicht Unterstützt von TK / not supported from TK

5 = Nicht Unterstützt von TK, wir empfehlen aus Kompatibilitäts und Performancegründen

Den Onboard-SAS Controller zu verwenden

/ not supported from TK, because of compatibility and performance we suggest to use the Onboard SAS Controller

6 = Probleme beim Booten nach Installation / Problems with Booting after installation

Betriebssystemkompatibilität / Operating System Compatibility

Onboard Devices			SATA		SAS		Onboard NICs	
Betriebssystem / Operating System	Architektur	Kernel	mit RAID	ohne RAID	mit RAID	ohne RAID	NIC 1	NIC 2
Linux								
Debian								
Debian Stable	32-Bit		x ⁴	x ⁴	x ⁴	x ⁴	-	-
Debian Stable	64-Bit		x ⁴	x ⁴	x ⁴	x ⁴	-	-
Debian Tanke	32-Bit	2.6.28.6	x ⁴	x ⁴	x ⁴	x ⁴	OK	OK
Ubuntu								
Ubuntu Server 8.10	32-Bit	2.6.27-7	x ⁴	x ⁴	x ⁴	x ⁴	OK ¹	OK ¹
Ubuntu Server 8.10	64-Bit	2.6.27-7	x ⁴	x ⁴	x ⁴	x ⁴	OK ¹	OK ¹
Ubuntu Server 9.04	32-Bit		x ⁴	x ⁴	x ⁴	x ⁴	OK	OK
Ubuntu Server 9.04	64-Bit		x ⁴	x ⁴	x ⁴	x ⁴	OK	OK
RedHat Enterprise Server								
RedHat Enterprise Server 5.3	32-Bit	2.6.18-128	x ⁴	x ⁴	x ⁴	x ⁴	OK	OK
RedHat Enterprise Server 5.3	64-Bit	2.6.18-128	x ⁴	x ⁴	x ⁴	x ⁴	OK	OK
Cent OS								
Cent OS 5.3	32-Bit	2.6.18-92	x ⁴	x ⁴	x ⁴	x ⁴	OK	OK
Cent OS 5.3	64-Bit	2.6.18-92	x ⁴	x ⁴	x ⁴	x ⁴	OK	OK
Novell / Suse Linux								
Suse Linux Enterprise Server 10 SP2	32-Bit	2.6.16.60-021	x ⁴	x ⁴	x ⁴	x ⁴	OK ¹	OK ¹
Suse Linux Enterprise Server 10 SP2	64-Bit	2.6.16.60-021	x ⁴	x ⁴	x ⁴	x ⁴	OK ¹	OK ¹
Suse Linux Enterprise Server 11	32-Bit	2.6.27.19-5	x ⁴	x ⁴	x ⁴	x ⁴	OK	OK
Suse Linux Enterprise Server 11	64-Bit	2.6.27.19-5	x ⁴	x ⁴	x ⁴	x ⁴	OK	OK
Windows								
Microsoft Windows Server								
Windows 2003 Server Standard	32-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2003 Server Standard	64-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2003 Server Enterprise	32-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2003 Server Enterprise	64-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2003 Server Webserver	32-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2003 Server Webserver	64-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2008 Server Standard	32-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2008 Server Standard	64-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2008 Server Enterprise	32-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2008 Server Enterprise	64-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2008 Server Webserver	32-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2008 Server Webserver	64-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Microsoft Windows Small Business Server								
Windows 2003 SBS Standard	32-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2003 SBS Standard	64-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2003 SBS Premium	32-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2003 SBS Premium	64-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2008 SBS Standard	32-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2008 SBS Standard	64-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2008 SBS Premium	32-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Windows 2008 SBS Premium	64-Bit		OK ¹	OK ¹	OK ¹	OK ¹	OK ¹	OK ¹
Microsoft Windows Desktop OS								
Windows XP Professional	32-Bit		x ⁴	x ⁴	x ⁴	x ⁴	x ⁴	x ⁴
Windows XP Professional	64-Bit		x ⁴	x ⁴	x ⁴	x ⁴	x ⁴	x ⁴
Windows Vista	32-Bit		x ⁴	x ⁴	x ⁴	x ⁴	x ⁴	x ⁴
Windows Vista	64-Bit		x ⁴	x ⁴	x ⁴	x ⁴	x ⁴	x ⁴
Virtualisierung								
Vmware								
ESXi 4 U1			x ³	x ³	X ⁷ / OK ⁴	x ³	OK	OK
ESX 4 U1			x ³	x ³	X ⁷ / OK ⁴	x ³	OK	OK
Xen								
XenServer 5.5			x ³	x ³		x ³	OK	OK

- OK = Installation ohne manuelle Treibereinbindung / Installation without installing additional driver
 1 = manuelle Treibereinbindung! / manual driver installation
 2 = Nur als HBA ohne Platten für externe Backuplaufwerke getestet
 3 = Das System wurde getestet! Bitte achten Sie dennoch darauf, dass das System (der Controller) auf der HCL von Vmware für den installierbaren ESXi gelistet ist
 4 = Onboard Raid Target Initiator, HDDs werden nur als einzelne HDDs erkannt (Voraussetzung spezielle FW)
- 1 = kein Treiber vorhanden / no driver available
 2 = Installation möglich, beim Ersten Boot Fehler (Grub) / Installation possible, after booting grub-error
 3 = Vom Hersteller nicht zertifiziert / not certified from the supplier
 4 = Nicht Unterstützt von TK / not supported from TK
- 5 = Nicht Unterstützt von TK, wir empfehlen aus Kompatibilitäts und Performancegründen Den Onboard-SAS Controller zu verwenden
 / not supported from TK, because of compatibility and performance we suggest to use the Onboard SAS Controller
- 6 = Probleme beim Booten nach Installation / Problems with Booting after installation
 7 = Onboard Raid Integrated Mode, HDDs werden nicht erkannt