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AcerPower Sd
Linux Compatibility Testing Results

KeyLabs linuxtesting@KeyLabs.com
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This document presents the results of the Linux Compatibility testing with RedHat 7.2 on the AcerPower Sd workstation system.

KeyLabs' Linux compatibility testing of this system showed the AcerPower Sd to be compatible with RedHat 7.2. The AcerPower Sd is awarded the KeyLabs Linux Compatibility mark.

System Configuration

The following table defines the system configuration tested by KeyLabs.

System Configuration	
Acer Incorporated	
The Model	AcerPower Sd: 1. Supports ACPI Power Management S1, S3, S4, S5; 2. Supports WOL, WOR, Keyboard Power On; 3. Supports Intel Pentium 4 Processor; 4. Supports DMI function
The BIOS revision	V 1.082

Testing Results

The following table defines the hardware as tested in this system by KeyLabs, and provides the pass/fail results.

Tests and determinations are available for reference in ASCII format for immediate viewing.

Test	Comment	Result
Installation Testing		
CD-ROM Installation		PASSED
NFS/FTP Installation		PASSED
Device Auto Probing		PASSED
Base System Testing		
Kernel Compatibility		PASSED
LILO Compatibility		PASSED
Heavy I/O Test		PASSED
Network Test		PASSED
Network Load Test		N/A
SMP Test		N/A
Display Adapter		

Console Compatibility	PASSED
X Server Compatibility	PASSED
Sound Adapter	
Basic Sound Compatibility	PASSED
Advnaced Sound Availibility	PASSED
Advanced Sound Compatibility	PASSED
Serial Ports	
Kernel Detection	PASSED
Setserial Compatibility	PASSED
Throughput Testing	PASSED
Parallel Ports	
Kernel Detection	PASSED
Compatibility Testing	PASSED
Mouse	
Kernel Detection	PASSED
Compatibility Testing	PASSED
Keyboard	
Compatibility Test	PASSED

Hardware Details

The following table defines the hardware configuration details for the tested system.

Hardware Configuration Information	
Motherboard and Processor	The mainboard is an AcerPower Sd with the SIS 650 & SIS 961 chipsets. Processor is an Intel Pentium 4 clocked at 2 GHz.
Display Adapters	Integrated SIS 650
I/O Busses	The CD-ROM is an ASUS 50x. Sound support is provided by an ALC 201A sound chip. The floppy drive is a generic 1.44 MB. The system was tested with IDE harddrives. The system has one (1) parallel port and two (2) 16550a serial ports. There are one (1) each of PS/2 keyboard and mouse ports. Other ports include: three (3) PCI slots; one (1) AGP slot, and, two (2) USB ports.
Network Interface	onboard Realtek RTL 8100 NIC
Testing Peripherals	Keyboard as tested is a 101 -key generic. Mouse as tested is a Logitech PS/2 mouse.
Miscellaneous Hardware	None

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