



15.12 EE Debian RPB Test Report

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Configuration

Item	Explanation
Kernel	4.4.0-trunk-arm64
Debian version	8.2 Jessie
Toolchain version	gcc (Debian/Linaro 4.9.2-10) 4.9.2
Board Firmware (AMD Overdrive)	AMI BIOS for Overdrive B0 - 0.0.8.5
Board Firmware (HiSilicon D02)	EDK2 Build 34

Glossary

Pass
Skip
Fails

Manual Test Results

AMD Overdrive

Test Run	Result	Comments
PXE Boot	Pass	
Boot from SATA	Pass	
Serial Console Output	Pass	
Re-boot	Pass	
Shutdown	Pass	
KVM (32 bit guest)	Fail	Bug 1966
KVM (64 bit guest)	Fail	Bug 1966
Ethernet (single NIC)	Pass	
Ethernet (multiple NIC)	Skip	
SATA write speed	Pass	constant speed with increasing file size
SATA read speed	Pass	
Real Time Clock	Pass	RTC_UIE_ON, RTC_AIE_ON not implemented
LAMP	Pass	
OpenStack	Pass	Qemu, since KVM is not available
Hadoop	Pass	
OpenJDK 8	Pass	

HiSilicon d02

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Ethernet (single NIC)	Pass	
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SATA write speed	Pass	constant speed with increasing file size
SATA read speed	Pass	
Real Time Clock	Pass	RTC_UIE_ON, RTC_AIE_ON not implemented
LAMP	Pass	
OpenStack	Skip	Sata disk corruption (known hardware limitation)
Hadoop	Skip	Sata disk corruption (known hardware limitation)
OpenJDK 8	Pass	

Open Bugs

Bug Description	Bug-id	Status
D02: unhandled level 3 permission fault (11)	Bug 1967	UNCONF
KVM errors when booting on overdrive	Bug 1966	UNCONF
D02: kernel unable to find valid mac for the network interfaces	Bug 1965	UNCONF