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# Promise<sup>®</sup> SuperTrak

## EX4650/EX8650/EX8654/EX8658/EX16650

### SR4.1 Compatibility List V1.0

Date: 10/03/2011

#### Document History:

V1.0: 1. First release .Added some new devices as below

- ◆ Mother Boards: 16Q'ty
- ◆ SATA Hard Drives: 11Q'ty
- ◆ SAS Hard Drives: 15Q'ty
- ◆ SSD: 4Q'ty

#### Compatibility list included versions in this build are:

Firmware: 1.09.0000.40

BIOS: 3.00.0000.94

Windows driver (stor port-Inbox/Outbox): 5.01.0000.04

Linux Driver (Red Hat 5.6-Inbox): 4.06.0102.04

Linux Driver (Red Hat 6.0-Inbox): 4.06.0000.03

Linux Driver (Fedora 15-Inbox): 4.06.0000.04

Linux Driver (OpenSuSE 11.4-Inbox): 4.06.0000.04

Linux Driver (SLES 11 SP1-Outbox): 4.06.1000.08

FreeBSD 7.2: 1.00.0000.01

FreeBSD 8.2: 1.00.0000.02

VMware ESXi 5.0 : 4.07.0000.74

WebPAM Pro (Windows): 3.15.0000.03/3.15.0000.04

#### DEVICE COMPATIBILITY NOTE:

Basic compatibility between the 3rd party device and Promise device has been verified in typical configurations, unless otherwise stated.

The EOL of 3rd party device may not be in the current list, user can refer older version of Promise compatibility list to get those test result.

#### DISCLAIMERS:

Only the versions available at time of testing have been verified, as listed.

Corner cases may exist depending on user configuration etc.

Individual 3rd party units may exhibit problems that did not show up in through the Promise test process. Published performance is not assured with configuration deviations.

Some listed devices may go EOL. AVL listing does not imply market availability.

## 1. Mother Boards

Vendor	Model	North Bridges	South Bridges	MB BIOS
GIGABYTE™	H61M-D2P-B3	Intel® H61	Intel® H61	AMI F8
msi™	Z68A-GD80	Intel® Z68	Intel® Z68	AMI E7672
ASUS®	P8H61-PRO	Intel® H61	Intel® H61	UEFI BIOS 0410
GIGABYTE™	GA-Z68XP-UD4	Intel® Z68	Intel® Z68	Award F1
ASUS®	P8P67	Intel® P67	Intel® P67	AMI 1401
GIGABYTE™	GA-H67A-UD3H	Intel® H67	Intel® H67	Award F9
msi™	P67A-GD80	Intel® P67	Intel® P67	AMI V1.0
msi™	PH67A-C43	Intel® H67	Intel® H67	AMI V2.2
ASUS®	M4A88TD-M	AMD 880G	AMD SB850	AMI V17.6
ASUS®	P7H57D-V EVO	Intel® H57	Intel® H57	AMI 1606
msi™	890GXM-G65	AMD 890GX	AMD SB850	AMI V1.6
TYAN®	S8005	AMD SR5670	AMD SP5100	AMI V1.03
GIGABYTE™	P55-UD3P	Intel® P55	Intel® P55	Award F9
ASUS®	M4A785TD-V EVO	AMD 785G	AMD SB710	AMI 2015
msi™	785GM-E65	AMD 785G	AMD SB710	AMI V2.12
GIGABYTE™	GA-6FASV2	Intel® 3420 PCH	Intel® 3420 PCH	Phoenix F4

## 2. SATA Hard Drives

Drive Vendor	Drive Family	Model	FW Version	Capacity	Spindle Speed	Buffer	Serial Speed	Form Factor	Note
Seagate	Constellation ES	ST3500514NS	SN11	500.0GB	7200RPM	32MB	3GB/s	3.5"	
Seagate	Constellation ES	ST31000524NS	SN11	1.0TB	7200RPM	32MB	3GB/s	3.5"	
Seagate	Constellation ES.2	ST33000650NS	0001,0002	3.0TB	7200RPM	64MB	6GB/s	3.5"	
Seagate	Constellation ES	ST2000NM0011	SN02	2.0TB	7200RPM	64MB	6GB/s	3.5"	
Hitachi	Ultrastar 7K3000	HUA723030ALA640	MKAO580	3.0TB	7200RPM	64MB	6GB/s	3.5"	
Western Digital	WD RE4	WD1003FBYX	01.01V01	1.0TB	7200RPM	64MB	3GB/s	3.5"	
Western Digital	WD RE4	WD2003FYYS	01.01D01	2.0TB	7200RPM	64MB	3GB/s	3.5"	
Western Digital	WD Caviar Green	WD10EARS	80.00A80	1.0TB	7200RPM	64MB	3GB/s	3.5"	Note[1]
Western Digital	WD Caviar Green	WD15EARS	80.00A80	1.5TB	7200RPM	64MB	3GB/s	3.5"	Note[1]
Western Digital	WD Caviar Green	WD20EARS	80.00A80	2.0TB	7200RPM	64MB	3GB/s	3.5"	Note[1]
Western Digital	WD Caviar Green	WD30EZRS	80.00A80	3.0TB	7200RPM	64MB	3GB/s	3.5"	Note[1]

⚠ In RAID storage system, we recommend user to use enterprise level hard drive, which has much better command timeout control and more reliable to vibration for critical application.

Note[1] : Drive Family (WD Caviar Green) is Advanced Format HDD and desktop HDD.

### 3. SAS Hard Drives

Drive Vendor	Drive Family	Model	FW Version	Capacity	Spindle Speed	Buffer	Serial Speed	Form Factor
Seagate	Cheetah 15K.7	ST3300657SS	0006	300.0GB	15000RPM	16MB	6GB/s	3.5"
Seagate	Cheetah 15K.7	ST3600057SS	0005	600.0GB	15000RPM	16MB	6GB/s	3.5"
Seagate	Cheetah NS.2	ST3450802SS	0001,0004	450.0GB	10000PRM	16MB	6GB/s	3.5"
Seagate	Cheetah NS.2	ST3600002SS	0004	600.0GB	10000PRM	16MB	6GB/s	3.5"
Seagate	Constellation ES	ST3500414SS	0005	500.0GB	7200PRM	64MB	6GB/s	3.5"
Seagate	Constellation ES	ST31000424SS	0005	1.0TB	7200PRM	64MB	6GB/s	3.5"
Seagate	Constellation ES	ST32000444SS	0006	2.0TB	7200PRM	64MB	6GB/s	3.5"
Seagate	Constellation ES	ST2000NM0001	0001	2.0TB	7200RPM	64MB	6GB/s	3.5"
Seagate	Constellation ES.2	ST33000650SS	0002	3.0TB	7200PRM	64MB	6GB/s	3.5"
Seagate	Savvio 10K.3	ST9300603SS	0006,FS62	300.0GB	10000RPM	16MB	6GB/s	2.5"
Seagate	Constellation 7200	ST9500430SS	0002	500.0GB	7200RPM	16MB	6GB/s	2.5"
Hitachi	Ultrastar 15K600	HUS156045VLS600	A392	450.0GB	15000RPM	64MB	6GB/s	3.5"
Hitachi	Ultrastar 15K600	HUS156060VLS600	A5D0	600.0GB	15000RPM	64MB	6GB/s	3.5"
Hitachi	Ultrastar C15K147	HUC151414CSS600	A330	147.0GB	15000RPM	64MB	6GB/s	2.5"
Hitachi	Ultrastar C10K300	HUC103030CSS600	A120	300.0GB	10000RPM	64MB	6GB/s	2.5"

### 4. SSD

Drive Vendor	Drive Family	Model	FW Version	Capacity	Serial Speed	Form Factor
Intel	X25-E	SSDSA2SH032G1GN	045C8860	32.0GB	3GB/s	2.5"
Intel	X25-M	SSDSA2M160G2GC	2CV102HD	160.0GB	3GB/s	2.5"
Intel	320 Series	SSDSA2CW300G3K5	4PC10302	300.0GB	3GB/s	2.5"
Intel	510 Series	SSDSC2MH120A2	PPG4	120.0GB	6GB/s	2.5"

### 5. Operating Systems

- Windows Operating Systems

Windows OS List
Microsoft <sup>®</sup> Windows 7+SP1 32bit
Microsoft <sup>®</sup> Windows 7+SP1 64bit
Microsoft <sup>®</sup> Windows 2008+SP2 32bit
Microsoft <sup>®</sup> Windows 2008+SP2 64bit
Microsoft <sup>®</sup> Windows 2008 R2+SP1 64bit

- **Linux Operating Systems**

Linux OS List
RedHat Enterprise Linux 5.6 32bit
RedHat Enterprise Linux 5.6 64bit
RedHat Enterprise Linux 6.0 32bit
RedHat Enterprise Linux 6.0 64bit
SuSE Linux Enterprise Server 11+SP1 32bit
SuSE Linux Enterprise Server 11+SP1 64bit
Open SuSE 11.4 32bit
Open SuSE 11.4 64bit
Fedora 15 32bit
Fedora 15 64bit

- **FreeBSD Operating Systems**

FreeBSD OS List
FreeBSD 7.2 32bit
FreeBSD 7.2 64bit
FreeBSD 8.2 32bit
FreeBSD 8.2 64bit

- **VMware Operating System**

VMware OS List
VMware ESXi 5.0

Note: VMware has been certified by VMware.