

Promise[®] VTrak M610i / M310i / M210i SR3.2 Compatibility List V1.0

Date: 04/06/2009

Document History:

- V1.0: 1. First release (Based on former release SR3.1 FW; this SR3.2 FW had a little bit minor changes)
- 2. Based on former Compatibility List and qualified some new devices
(highlighted them using blue-color)
 - ◆ Host System 4Q'ty
 - ◆ SATA Hard Drive 7Q'ty
 - ◆ Operating System 4Q'ty
 - ◆ Software Initiator 3Q'ty

Compatibility list included versions in this build are:

Firmware: 2.29.0000.00

Software: 2.29.0000.00

Redboot: 1.08.0000.00

1. Host systems

No	Vendor	Model	Chipset	BIOS	Onboard NIC
01	Dell	PowerEdge SC1420	Intel [®] E7520	A04	Intel [®] RC82545GM
02	Dell	PowerEdge 1800	Intel [®] E7520	A07	Intel [®] 82541PI
03	Dell	PowerEdge 1900	Intel [®] 5000	2.1.0	Broadcom BCM5708C
04	Dell	PowerEdge 2900	Intel [®] 5000X	1.2.0	Broadcom BCM5708C
05	Dell	PowerEdge SC1430	Intel [®] 5000V	1.1.0	Broadcom BCM5751KFBG
06	Dell	PowerEdge 800	Intel [®] E7221	A01	Broadcom BCM5721
07	Dell	PowerEdge 840	Intel [®] 3000	A02	Broadcom BCM5721
08	HP	ProLiant ML110	Intel [®] E7221	1.12	Intel [®] BCM 82541PI
09	HP	ProLiant ML350 G4	Intel [®] E7520	ProLiant System D17	Broadcom 5705
10	ASUS	ASUS KFN32-D SLI	NVIDIA MCP550 Pro	0303	Broadcom BCM 5754
11	SUPERMICRO [®]	SUPERMICRO [®] PDSMA+	Intel [®] 3000	1.2b	Intel [®] 1000 PM Intel [®] 1000PL
12	TYAN [®]	TYAN [®] S2866	NVIDIA nforce4 Ultra	2.03	Broadcom BCM 5705 Intel [®] 82551 Marvell 88E1111-CA1
13	TYAN [®]	TYAN [®] S2932	NVIDIA nforce Pro 3600	1.00	nVidia nforce pro 3600 Marvell 88E1121
14	TYAN [®]	TYAN [®] S2915	NVIDIA NPF3600	2.02b	Marvell 88E1121
15	ASUS	ASUS P5K-E/WIFI-P	Intel [®] P35	0906	Marvell 88E8056
16	ASUS	ASUS P5E3 DELUXE	Intel [®] X38	0301	Marvell 88E8056 Realtek RT8110SE

17	GIGABYTE™	GIGABYTE™ GA-MA790FX-DQ6	AMD 790FX	F3	Realtek RT8111B
18	Dell	PowerEdge T300	Intel® 5100	1.2.0	Broadcom BCM5722KFB1G
19	Dell	PowerEdge T605	Broadcom HT2100 and HT1000	1.2.3	Broadcom BCM5708CKFB
20	HP	ProLiant ML150 G5	Intel® 5100	O17	Broadcom BCM5722
21	HP	ProLiant ML310 G5	Intel® 3210	W05	Broadcom BCM5715CKPBG
22	SUPERMICRO®	Superworkstation 7045A-WTB	Intel® 5400	1.1B	Intel® 82575EB
23	Dell	PowerEdge T100	Intel® 3200	1.1.2	Broadcom BCM5722KFB1G
24	Dell	PowerEdge 840	Intel® E7230	A06	Broadcom BCM5721KFB3G
25	Dell	PowerEdge SC440	Intel® E7230	1.5.0	Broadcom BCM5754KMLG
26	Intel®	S5000PSLSATAR	Intel® 5000V	S5000.86B.10.00.0089	Intel® 82563EB

2. iSCSI Host Bus Adapters

Vendor	Model	Port	BIOS	PCI Interface	Driver	Type
Alacritech	SES1001T	1	N/A	PCI-X	7.3.1.0 9.1.0.1092	TCP Offload
	SEN2002XT	2	N/A	PCI-X	7.3.1.0 9.1.0.1092	TCP Offload
	SES2001XT	1	N/A	PCI-X	7.3.1.0 9.1.0.1092	TCP Offload
	SES2102ET	2	N/A	PCI-e	7.3.1.0 9.1.0.1092	TCP Offload
	SES2104ET	4	N/A	PCI-e	7.3.1.0 9.1.0.1092	TCP Offload
Qlogic	QLA4010C	1	1.11	PCI-X	2.1.3.22 2.1.3.28	iSCSI TOE
	QLA4050C	1	1.09	PCI-X	2.1.3.22 2.1.3.28 2.1.4.17	iSCSI TOE
	QLA4052C	2	1.09	PCI-X	2.1.4.12 2.1.4.17	iSCSI TOE
	QLE4060C	1	1.09	PCI-e	2.1.4.17	iSCSI TOE
	QLE4062C	2	1.09	PCI-e	2.1.4.12 2.1.4.17	iSCSI TOE

3. NIC Initiators List

Vendor	Model	Ethernet ASIC	Interface	Speed
Intel [®]	EXPI9300PT	Intel [®] 82572GI	PCIe	10/100/1000
Intel [®]	PWLA8391GT	Intel [®] 82541PI	PCI	10/100/1000
D-Link	DGE-530T	Mavell 88E8001-LKJ1	PCI	10/100/1000
Sunix	Sunix LAN1400	Mavell 88E8056-NNC1	PCIe	10/100/1000
Intel [®]	EXPI9404PTBLK	Intel [®] 82571GB	PCIe	10/100/1000
Intel [®]	PRO/1000PT Dual Port Server Adapter	Intel [®] 82571GB	PCIe	10/100/1000
Broadcom	BCM95708A0804F	Broadcom BCM5708C	PCIe	10/100/1000
Broadcom	BCM95721A211	Broadcom BCM5721	PCIe	10/100/1000

4. Ethernet Switches

Vendor	Model	Port Count	Speed
D-Link	DGS-1008D	8	10/100/1000M
D-Link	DGS-3024	24	10/100/1000M
Zyxel	GS-2024	24	10/100/1000M
SMC	SMCGS8	4	10/100/1000M
Cisco	Catalyst 2960G-8TC-L	8	10/100/1000M
3Com	4200G	12	10/100/1000M
HP	ProCurve Switch 1800-8G	8	10/100/1000M
D-Link	DGS-1248T	48	10/100/1000M

5. SATA Hard Drives

Vendor	Model	Drive Family	Capacity	Firmware	Transfer Rate	NCQ / TCQ
HITACHI	HUA721010KLA330	Ultrastar A7K1000	1TB	GKAOAB0A	3.0Gb/s	NCQ
HITACHI	HUA721050KLA330	Ultrastar A7K1000	500GB	GK6OA70M	3.0Gb/s	NCQ
SAMSUNG	HE103UJ	Spinpoint F1	1TB	1AA01111	3.0Gb/s	NCQ
SAMSUNG	HE502IJ	Spinpoint F1	500GB	1AA01113	3.0Gb/s	NCQ
SEAGATE	ST3750640NS	Barracuda ES	750GB	3.AEG	3.0Gb/s	NCQ
SEAGATE	ST3500630NS	Barracuda ES	500GB	3.AEE	3.0Gb/s	NCQ
SEAGATE	ST31000340NS	Barracuda ES.2	1TB	SN06	3.0Gb/s	NCQ
SEAGATE	ST3750330NS	Barracuda ES.2	750GB	SN06	3.0Gb/s	NCQ
SEAGATE	ST3500320NS	Barracuda ES.2	500GB	SN06	3.0Gb/s	NCQ
SEAGATE	ST3250310NS	Barracuda ES.2	250GB	SN06	3.0Gb/s	NCQ
SEAGATE	ST31000340SV	SV35.3	1TB	SV16	3.0Gb/s	NCQ

SEAGATE	ST3500320SV	SV35.3	500GB	SV17	3.0Gb/s	NCQ
SEAGATE	ST3250310SV	SV35.3	250GB	3.ACC	3.0Gb/s	NCQ
SEAGATE	ST3320410SV	SV35.4	320GB	CV12	3.0Gb/s	NCQ
WDC	WD7500AYYS	WD RE2	750GB	30.04G30	3.0Gb/s	NCQ
WDC	WD1601ABYS	WD RE2	160GB	06.06H05	3.0Gb/s	NCQ
WDC	WD1000FYPS	WD RE2-GP	1TB	02.01B01	3.0Gb/s	NCQ
WDC	WD7500AYPS	WD RE2-GP	750GB	02.01B01	3.0Gb/s	NCQ
WDC	WD5000ABPS	WD RE2-GP	500GB	02.01B01	3.0Gb/s	NCQ
WDC	WD1002FBYS	WD RE3	1TB	03.00C05	3.0Gb/s	NCQ
WDC	WD5002ABYS	WD RE3	500GB	02.03B02	3.0Gb/s	NCQ
WDC	WD3202ABYS	WD RE3	320GB	02.03B02	3.0Gb/s	NCQ
WDC	WD1500HLFS	WD Veloci-Raptor	150GB	04.04V01	3.0Gb/s	NCQ

6. Operating Systems

Operating Systems
Microsoft [®] Windows 2000 Professional w/ SP4 (x86)
Microsoft [®] Windows 2000 Server w/ SP4 (x86)
Microsoft [®] Windows XP Professional w/ SP2 (x86)
Microsoft [®] Windows XP Professional w/ SP2 (AMD64/Intel EM64T)
Microsoft [®] Windows XP Professional w/ SP3 (x86)
Microsoft [®] Windows Server 2003 Enterprise Edition R2 w/ SP2 (x86)
Microsoft [®] Windows Server 2003 Enterprise Edition R2 w/ SP2 (AMD64/Intel EM64T)
Microsoft [®] Windows Vista Enterprise (x86)
Microsoft [®] Windows Vista Enterprise (AMD64/Intel EM64T)
Microsoft [®] Windows Vista Enterprise w/ SP1(x86)
Microsoft [®] Windows Vista Enterprise w/ SP1 (AMD64/Intel EM64T)
Microsoft [®] Windows Server 2008 Enterprise Edition w/ SP1 (x86)
Microsoft [®] Windows Server 2008 Enterprise Edition w/ SP1 (AMD64/Intel EM64T)
RedHat Enterprise Linux 5.1 (x86)
RedHat Enterprise Linux 5.1 (AMD64/Intel EM64T)
RedHat Enterprise Linux 5.2 (x86)
RedHat Enterprise Linux 5.2 (AMD64/Intel EM64T)
RedHat Enterprise Linux 5.3 (x86)
RedHat Enterprise Linux 5.3 (AMD64/Intel EM64T)
RedHat Enterprise Linux AS 4 Update 6 (x86)
RedHat Enterprise Linux AS 4 Update 6 (AMD64/Intel EM64T)
RedHat Enterprise Linux AS 4 Update 7 (x86)
RedHat Enterprise Linux AS 4 Update 7 (AMD64/Intel EM64T)

RedHat Enterprise Linux AS 3 Update 9 (x86)
RedHat Enterprise Linux AS 3 Update 9 (AMD64/Intel EM64T)
SUSE LINUX Enterprise Server 9 + SP4 (x86)
SUSE LINUX Enterprise Server 9 + SP4 (AMD64/Intel EM64T)
SUSE LINUX Enterprise Server 10 + SP1 (x86)
SUSE LINUX Enterprise Server 10 + SP1 (AMD64/Intel EM64T)
SUSE LINUX Enterprise Server 10 + SP2 (x86) ^[1]
SUSE LINUX Enterprise Server 10 + SP2 (AMD64/Intel EM64T) ^[1]
VMware ESX Server 3.5 ^[2]

NOTE [1]: Limited: iSCSI HBA driver could not support it.

NOTE [2]: Had got VMware ESX Server 3.5 logo in SR3.1 FW; SR3.2 FW had been verified by Promise SQA.

7. Software Initiators

Must depend on above Operating Systems

- **Microsoft[®] S/W iSCSI Initiator:**
 - ⊙ V2.05
 - ⊙ V2.06
 - ⊙ V2.07
 - ⊙ [V2.08](#)

- **RedHat Linux S/W iSCSI Initiator:**
 - ⊙ RedHat Enterprise Linux 5.1 (x86)
 - V2.0-865
 - ⊙ RedHat Enterprise Linux 5.1 (AMD64/Intel EM64T)
 - V2.0-865
 - ⊙ RedHat Enterprise Linux 5.2 (x86)
 - V2.0-868
 - ⊙ RedHat Enterprise Linux 5.2 (AMD64/Intel EM64T)
 - V2.0-868
 - ⊙ [RedHat Enterprise Linux 5.3 \(x86\)](#)
 - [V2.0-868](#)
 - ⊙ [RedHat Enterprise Linux 5.3 \(AMD64/Intel EM64T\)](#)
 - [V2.0-868](#)
 - ⊙ RedHat Enterprise Linux 4 AS + Update 6 (x86)
 - V4:0.1.11-6
 - ⊙ RedHat Enterprise Linux 4 AS + Update 6 (AMD64/Intel EM64T)
 - V4:0.1.11-6
 - ⊙ [RedHat Enterprise Linux 4 AS + Update 7 \(x86\)](#)
 - [V4:0.1.11-7](#)
 - ⊙ [RedHat Enterprise Linux 4 AS + Update 7 \(AMD64/Intel EM64T\)](#)
 - [V4:0.1.11-7](#)
 - ⊙ RedHat Enterprise Linux 3 Update 9 AS (x86)
 - V3.6.3.0
 - ⊙ RedHat Enterprise Linux 3 Update 9 AS (AMD64/Intel EM64T)
 - V3.6.3.0

- **Novell SuSE Linux S/W iSCSI Initiator:**
 - ⊙ SUSE LINUX Enterprise Server 9 + SP4 (x86)
 - V4.0.188.35
 - ⊙ SUSE LINUX Enterprise Server 9 + SP4 (AMD64/Intel EM64T)

- V4.0.188.35
- ⊙ SUSE LINUX Enterprise Server 10 + SP1 (x86)
 - V2.0-754
- ⊙ SUSE LINUX Enterprise Server 10 + SP1 (AMD64/Intel EM64T)
 - V2.0-754
- ⊙ SUSE LINUX Enterprise Server 10 + SP2 (x86)
 - V2.0-868
- ⊙ SUSE LINUX Enterprise Server 10 + SP2 (AMD64/Intel EM64T)
 - V2.0-868

8. H/W Boot for SAN (Operating System Installation)

OS \ iSCSI HBA	QLA4010C	QLA4050C	QLA4052C	QLA4060C	QLA4062C
Windows 2000 Professional with Service Pack 4 (32bit)	Pass	Pass	Pass	Pass	Pass
Windows 2000 Server with Service Pack 4 (32bit)	Pass	Pass	Pass	Pass	Pass
Windows XP Professional with Service Pack 3 (32bit)	Pass	Pass	Pass	Pass	Pass
Windows XP Professional with Service Pack 2 (64bit)	Pass	Pass	Pass	Pass	Pass
Windows Server 2003 Enterprise Edition with Service Pack 2 with R2(32bit)	Pass	Pass	Pass	Pass	Pass
Windows Server 2003 Enterprise Edition with Service Pack 2 with R2(64bit)	Pass	Pass	Pass	Pass	Pass
Windows Vista Enterprise (32bit)	Pass	Pass	Pass	Pass	Pass
Windows Vista Enterprise (64bit)	Pass	Pass	Pass	Pass	Pass
Windows Server 2008 datacenter SP1 (32bit)	Pass	Pass	Pass	Pass	Pass
Windows Server 2008 datacenter SP1 (64bit)	Pass	Pass	Pass	Pass	Pass
RedHat Enterprise Linux 5.2 (32bit)	Pass	Pass	Pass	Pass	Pass
RedHat Enterprise Linux 5.2 (64bit)	Pass	Pass	Pass	Pass	Pass
SuSE Linux Professional 10 SP2 (32bit)	Pass	Pass	Pass	Driver not support	Driver not support
SuSE Linux Professional 10 SP2 (64bit)	Pass	Pass	Pass	Driver not support	Driver not support
SuSE Linux Professional 10 SP1 (32bit)	N/A	N/A	N/A	Pass	Pass
SuSE Linux Professional 10 SP1 (64bit)	N/A	N/A	N/A	Pass	Pass

9. Web Browsers

1. All embedded browsers for all listed Operating Systems will be verified to be tested as 'certified'.
2. In addition, other popular browsers will be tested as well
 - AOL Browser 1.5
 - Firefox 2.0.0.11
 - Internet Explorer 7
 - Internet Explorer 6 with Service Pack 2
 - Netscape 9.0.0.5
 - Opera 9.25
 - Safari 3