

# **Promise<sup>®</sup> PegasusR4 / R6**

## **Service Release 1.2**

### **Compatibility List V1.8**

Date: 07/02/2013

**Document History:**

- **V1.3: 1. First release**
  - ◆ Hard Drive: 2Q'ty
  - ◆ Operating System: 2Q'ty
  - ◆ Host System 6Q'ty
  - ◆ Display and Monitor 8Q'ty
- **V1.4:**
  - ◆ Add Seagate 1TB/2TB Hard Drives
- **V1.5:**
  - ◆ Add Seagate 3TB Hard Drive
  - ◆ Add Mac OS 10.8 (Mountain Lion)
- **V1.6:**
  - ◆ Add Seagate 4TB Hard Drive
  - ◆ Update Seagate 2TB Hard Drive Firmware
  - ◆ Add Mac OS 10.8.2
  - ◆ Add Toshiba Hard Drives: 3Q'ty
- **V1.7:**
  - ◆ Add Mac OS 10.8.3
  - ◆ Add Toshiba Hard Drives: 2Q'ty
- **V1.8 (SR1.2):**
  - ◆ Add Mac OS 10.8.4
  - ◆ Add Windows OS
  - ◆ Add Windows host: 9Q'ty
  - ◆ Add Seagate Hard Drive: 1Q'ty

**Compatibility list included versions in this build are:**Firmware: 5.02.0000.53 / 5.02.0000.70 / [5.02.0000.98](#)

Software: Mac: 3.16.0.53 / 3.16.0.77

[Windows WebPAM Pro: 1.00.0000.24](#)Driver: Mac: 5.0.0.53 / 5.0.0.58 / 5.0.0.62 / [5.1.64](#)[Windows: 5.2.0.14](#)**DEVICE COMPATIBILITY NOTE:**

Basic compatibility between the third party devices and Promise devices has been verified in typical configurations, unless otherwise stated.

The EOL of third party device may not be in the current list, users can refer to previous Promise compatibility lists to get the results of those tests.

**DISCLAIMERS:**

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

Corner cases may exist depending on user configuration etc.

Individual third party units may exhibit problems that did not show up in 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. SATA Hard Drives

NO.	Vendor	Drive Family	Model	Capacity	Firmware	Transfer-Rate	buffer	Form Factor	NCQ/TCQ	SATA/SSD
1	Hitachi	Deskstar 7K1000.C	HDS721010CLA332	1TB	JP40A3MA	3Gbs	32MB	3.5"	NCQ	SATA
2		Deskstar 7K3000	HDS723020BLA642	2TB	MN0NB5C0	6Gbs	64MB	3.5"	NCQ	SATA
3	Seagate	Barracuda	ST1000DM003	1TB	CC4E	6Gbs	64MB	3.5"	NCQ	SATA
4		Barracuda 7200.12	ST2000DM001	2TB	CC4E	6Gbs	64MB	3.5"	NCQ	SATA
5		Barracuda 7200.12	ST2000DM001	2TB	CC24	6Gbs	64MB	3.5"	NCQ	SATA
6		Barracuda 7200.12	ST2000DM001	2TB	CC44	6Gbs	64MB	3.5"	NCQ	SATA
7		Barracuda	ST3000DM001	3TB	CC4H	6Gbs	64MB	3.5"	NCQ	SATA
8		Barracuda(Black point)	ST3000DM001	3TB	CC43	6Gbs	64MB	3.5"	NCQ	SATA
9		Barracuda	ST4000DM000	4TB	CC51	6Gbs	64MB	3.5"	NCQ	SATA
10		Barracuda	ST4000DM000	4TB	CC52	6Gbs	64MB	3.5"	NCQ	SATA
11	Toshiba	DT01ACAxxx	DT01ACA100	1TB	MS20A650	6Gbs	64MB	3.5"	NCQ	SATA
12		DT01ACAxxx	DT01ACA200	2TB	MX40AAB0	6Gbs	64MB	3.5"	NCQ	SATA
13		DT01ACAxxx	DT01ACA300	3TB	MX60AAB0	6Gbs	64MB	3.5"	NCQ	SATA
14		MG03ACAxxx	MG03ACA200	2TB	FL1A	6Gbs	64MB	3.5"	NCQ	SATA
15		MG03ACAxxx	MG03ACA300	3TB	FL1A	6Gbs	64MB	3.5"	NCQ	SATA

⚠ In RAID storage systems, we recommend using enterprise level hard drives, which have much better command timeout control and more reliable to vibration tolerance for critical applications.

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

## 2. Mac System

NO.	Model Name	Model Identifier
1.	MacBook Pro 13-inch, Late 2011	MacBookPro8.1
2.	MacBook Pro 15-inch, Early 2011	MacBookPro8.2
3	MacBook Pro 17-inch	MacBookPro8.3
4	MacBook Pro 13-inch, Mid 2012	MacBookPro9.1
5	MacBook Pro 15-inch, Mid 2012	MacBookPro9.2
6	MacBook Air 13-inch, Mid 2012	MacBookAir5.2
7	Mac mini, 2011	Macmini5.2
8	iMac 21.5-inch, Mid 2011	iMac12.1
9	iMac 27-inch, Mid 2011	iMac12.2
10	iMac 27-inch, Late 2012	iMac13.2
11	MacBook Pro Retina, Mid 2012	MBP10.1

### 3. Windows Motherboard/System

NO.	Vender	Model Name	SBIOS version	PCB version	Type
1.	ASUS	MAXIMUS V EXTREME	1707	1.01	MB
2.	ASUS	P8Z77-V PREMIUM	1908	1.02	MB
3	ASUS	ASUS P8Z77-V PRO/THUNDERBOLT	1908	1.01	MB
4	Gigabyte	Gigabyte GA-Z77x-UP5 TH	F12e	1.0	MB
5	Gigabyte	GA-Z77ZX-UP4 TH	F10b	1.0	MB
6	Gigabyte	GA-Z77MX-D3H TH	F6b	1.0	MB
7	Intel	NUC	GKPPT10H.86A.0 040.2013.0325.1 514	NA	System
8	MSI	Z77A-GD80	1.5	1.0	MB
9	acer	Aspire S5	1.03	NA	NB

Compatibility tests on motherboards for Windows systems were conducted using a single Pegasus R4/R6, without daisy-chaining multiple Pegasus units.

### 4. Mac Operating System

NO.	Operating System
1	Mac OS 10.6.7
2	Mac OS 10.7.2
3	Mac OS 10.7.4
4	Mac OS 10.8
5	Mac OS 10.8.2
6	Mac OS 10.8.3
7	Mac OS 10.8.4

### 5. Windows Operating System

NO.	Operating System
1	Windows 7 x86
2	Windows 7 x64
3	Windows 8 x86
4	Windows 8 x64

## 6. Display and Monitor

- Mini-Display Port to Display Port

No.	Vendor	Model	Adapter	Mac	Note
1	DELL	UltraSharp U3011	APPLE Adapter	MacBook Pro 13"	Note1
				MacBook Pro 15	Note2
				iMac 21"	Note1 ,Note3

Compatibility of this display is good but there are minor issues, as listed below. Pegasus and/or features were not affected.

Note1: Shake occurs when operating at 1080i.

Note 2: Monitor desktop background turns blue when hot-plugging cable.

Note 3: Sometimes display does not resume when hot-plugging cable.

- Mini-Display Port

No	Vendor	Model	Adapter	Mac	Note
1	APPLE	Apple LED Cinema	N/A	MacBook Pro 13"	
				MacBook Pro 15	
				iMac 21"	

- Mini-Display Port to D-SUB

No.	Vendor	Model	Adapter	MacBook Pro	Note
1	DELL	UltraSharp U3011	APPLE A1307	MacBook Pro 13"	
				MacBook Pro 15	
				iMac 21"	

- Mini-Display Port to DVI

No.	Vendor	Model	Adapter	Mac	Note
1	ACER	B273H	APPLE A1305	MacBook Pro 13"	Note1 Note2
				MacBook Pro 15	
				iMac 21"	Note3
2	BENQ	M2700HD	APPLE A1305	MacBook Pro 13"	
				MacBook Pro 15	
				iMac 21"	
3	DELL	UltraSharp U3011	APPLE A1305	MacBook Pro 13"	Note1 Note3
				MacBook Pro 15	
				iMac 21"	Note1 Note3

Compatibility of this display is good but there are minor issues, as listed below. Pegasus and/or features were not affected.

Note 1: Noise sometimes occurs when the monitor display resumes.

Note 2: A single instance of noise occurs when the monitor display resumes.

Note 3: Sometimes display does not resume when hot-plugging cable.

- Mini-Display Port to HDMI

No.	Vendor	Model	Adapter	Mac	Note
1	ACER	B273H	Moshi Adapter	MacBook Pro 13"	Note1
				MacBook Pro 15	Note1
				iMac 21"	Note1
2	BenQ	M2700HD	Moshi Adapter	MacBook Pro 13"	
				iMac 21"	Note1
3	Sharp	LC-60LE832U	Moshi Adapter	MacBook Pro 15	
4	Panasonic	TC-P58S1	Moshi Adapter	MacBook Pro 13"	
				MacBook Pro 15	
				iMac 21"	
5	Samsung	LN46B750	Moshi Adapter	MacBook Pro 13"	
				iMac 21"	
6	DELL	UltraSharp U3011	Moshi Adapter	MacBook Pro 13"	Note1
				MacBook Pro 15	Note1
				iMac 21"	Note1
7	Samsung	LN32A450	Moshi Adapter	MacBook Pro 13"	Note1
				MacBook Pro 15	Note1
				iMac 21"	Note1

Compatibility of this display is good but there are minor issues, as listed below. Pegasus and/or computer features were not affected.  
 Note1: Shake occurs when operating at 1080i.

No.	Vendor	Model	Adapter	Mac	Note
1	ACER	B273H	Monoprice Adapter	MacBook Pro 13"	Note1 ,Note2
				MacBook Pro 15	Note1 ,Note3
				iMac 21"	Note1 ,Note3
2	BenQ	M2700HD	Monoprice Adapter	MacBook Pro 13"	
				iMac 21"	Note1
3	Sharp	LC-60LE832U	Monoprice Adapter	MacBook Pro 15	
4	Panasonic	TC-P58S1	Monoprice Adapter	MacBook Pro 13"	
				MacBook Pro 15	
5	Samsung	LN46B750	Monoprice Adapter	MacBook Pro 13"	
				iMac 21"	
5	DELL	UltraSharp U3011	Monoprice Adapter	MacBook Pro 13"	Note1
				MacBook Pro 15	Note1
				iMac 21"	Note1
6	Samsung	LN32A450	Monoprice Adapter	MacBook Pro 13"	Note1
				MacBook Pro 15	Note1
				iMac 21"	Note1

Compatibility of this display is good but there are minor issues, as listed below. Pegasus and/or computer features were not affected.  
 Note1: Shake occurs when operating at 1080i.  
 Note2: Sometimes display does not resume when hot plugging cable.  
 Note3: Sometimes noise occurs when the display goes black when hot-plugging.

No.	Vendor	Model	Adapter	Mac	Note
1	ACER	B273H	Monoprice Cable	MacBook Pro 13"	Note1 ,Note2
2	Panasonic	TC-P58S1	Monoprice Cable	MacBook Pro 13"	
3	DELL	UltraSharp U3011	Monoprice Cable	MacBook Pro 13"	Note1 ,Note2
4	Samsung	LN32A450	Monoprice Cable	MacBook Pro 13"	Note1 ,Note2

Compatibility of this display is good but there are minor issues, as listed below. Pegasus and/or computer features were not affected.

Note 1: Shake occurs when operating at 1080i.

Note 2: A single instance of noise occurs when the monitor display resumes.