Pegasus3 R4 / R6 / R8 Compatibility List V2.0

Document History:

- **V1.0: 12/13/2016**
  - Windows only
- **V1.1: 12/15/2016**
  - Mac and Windows
- **V1.2: 02/15/2017**
  - Update software package
  - Add some compatible list.
- **V1.3: 04/12/2017**
  - Update software package
  - Add some compatible list
- **V1.4: 08/22/2017**
  - Update firmware/software package
  - Add some compatible list
- **V1.5: 10/05/2017**
  - Add macOS 10.13
- **V1.51: 12/13/2017**
  - Add note
- **V1.6: 12/26/2017**
  - Update utility
- **V1.7: 1/19/2018**
  - Add Promise Dock
- **V1.71: 2/13/2018**
  - Add iMac Pro
- **V1.8: 4/24/2018**
  - Update firmware/utility
  - Add some compatible list
- **V1.9: 10/04/2018**
  - Update firmware/utility
  - Add some compatible list
- **V1.10: 12/16/2018**
  - Update utility
  - Add some compatible list
- **V1.11: 9/05/2019**
  - Update firmware/utility
  - Add some compatible list
- **V1.12: 11/21/2019**
  - Update utility
  - Update Windows driver
  - Add some compatible list
- **V1.13: 1/14/2020**
  - Update software package
  - Add some compatible list
- **V1.14: 3/18/2020**
  - Update software package
- **V1.15: 9/16/2020**
  - Update software package
  - Add some compatible list
- **V2.0: 12/15/2020**
  - Macos11 and Apple M1 supported

Compatibility list included versions in this build are:

Firmware: 6.00.0000.12/ 6.00.0000.16/ 6.00.0000.17/ 6.00.0000.18/ 6.00.0000.23/ 6.00.0000.31/ 6.04.0000.18 / 6.04.0000.35 / 6.04.0000.37

Utility: Mac : 4.00.0000.06 / 4.00.0000.07 / 4.00.0000.08 / 4.00.0000.09 / 4.02.0000.10 / 4.02.0000.12 / 4.02.0000.17 / 4.02.0000.21 / 4.04.0000.17 / 4.04.0000.37 / 4.04.0000.39 / 4.04.0000.40 / 4.04.0000.42

Windows: 2.00.0000.18 / 2.00.0000.19 / 2.0.0000.20 / 2.02.0000.12 / 2.02.0000.23 / 2.04.0000.20 / 2.04.0000.32 / 2.04.0000.34

Driver: Mac : x86: 6.2.3 / 6.2.4 / 6.2.9 / 6.2.13
M1: 6.2.16

Windows: 6.2.0.3 / 6.2.0.6 / 6.2.0.9 / 6.2.0.10 / 6.2.0.11

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	Form Factor	SATA/SSD	Shipped with
1	Toshiba	DT01ACAxxx	DT01ACA300	3TB	MX6OABB0	6Gbs	3.5"	SATA	R4/R8
2	Toshiba	MD04ACAxxx	MD04ACA400	4TB	FP2A	6Gbs	3.5"	SATA	R6/R8
3	Toshiba	MD04ACAxxx	MD04ACA600	6TB	FS2A	6Gbs	3.5"	SATA	R8
4	Toshiba	DT01ACAxxx	DT01ACA200	2TB	MX4OABB0	6Gbs	3.5"	SATA	R4/R6
5	Toshiba	MG04ACA	MG04ACA300E	3TB	FP3B FP4B	6Gbs	3.5"	SATA	
6	Toshiba	MG04ACA	MG04ACA400E	4TB	FP3B FP4B	6Gbs	3.5"	SATA	
7	Toshiba	MG04ACA	MG04ACA600E	6TB	FS3B FS4B	6Gbs	3.5"	SATA	
8	Samsung	850EVO	MZ-75E1T0	1TB	EMT02B6Q	6Gbs	2.5"	SSD	
9	Samsung	850EVO	MZ-75E2T0	2TB	EMT02B6Q	6Gbs	2.5"	SSD	
10	Toshiba	MG05ACA	MG05ACA800E	8TB	GX1A GX2A	6Gbs	3.5”	SATA	
11	Seagate	IronWolf	ST10000VN0004	10TB	SC60	6Gbs	3.5”	SATA	
12	Toshiba	MD06ACAxxx	MD06ACA600V	6TB	0603	6Gbs	3.5”	SATA	
13	Toshiba	MD06ACAxxx	MD06ACA800V	8TB	0603	6Gbs	3.5”	SATA	
14	Toshiba	MD06ACAxxx	MD06ACA10TV	10TB	0603	6Gbs	3.5”	SATA	
15	Toshiba	NAS HDD	MN06ACA10T	10TB	0603	6Gbs	3.5”	SATA	
16	Toshiba	MG07ACAxxx	MG07ACA14TE	14TB	0101	6Gbs	3.5”	SATA	
17	Toshiba	MG06ACAxxx	MG06ACA10TE	10TB	0104	6Gbs	3.5”	SATA	
18	Micron	1100	MTFDDAK1T0TBN	1TB	M0MU031	6Gbs	3.5”	SSD	
19	Micron	1100	MTFDDAK2T0TBN	2TB	M0MU031	6Gbs	3.5”	SSD	
20	Toshiba	P300	HDWD130UZSVA	3TB	MX6OACF0	6Gbs	3.5”	SATA	
21	Toshiba	MD06ACAxxx	MD06ACA10T	10TB	0603	6Gbs	3.5”	SATA	
22	Samsung	860EVO	MZ-76E500	500GB	RVT01B6Q	6Gbs	3.5”	SSD	
23	Toshiba	MN07ACAxxx	MN07ACA14T	14TB	0601	6Gbs	3.5”	SATA	
24	Seagate	IronWolf	ST10000VN0008	10TB	SC60	6Gbs	3.5”	SATA	
25	Toshiba	HK6-R	KHK61RSE1T92	1.92TB	1DET6101	6Gbs	2.5”	SSD	

26	Toshiba	HK6-R	KHK61RSE960G	960GB	1DET6101	6Gbs	2.5”	SSD	
27	Toshiba	MG07ACAxxx	MG07ACA12TE	12TB	0101 0102 0103	6Gbs	3.5”	SATA	
28	WD	Ultrastar	HUS728T8TALN6L4	8TB	V8GNW410 V8GNW460	6Gbs	3.5”	SATA	
29	WD	Ultrastar	HUS726T4TALN6L4	4TB	VKGNW40H VKGNW460	6Gbs	3.5”	SATA	
30	Toshiba	MD06ACAxxx	MD06ACA800	8TB	0603	6Gbs	3.5”	SATA	
31	Toshiba	MG06ACAxxx	MG06ACA800E	8TB	4304	6Gbs	3.5”	SATA	
32	Toshiba	MG08	MG08ACA16TE	16TB	0101	6Gbs	3.5”	SATA	
33	Micron	1300	MTFDDAK2T0TDL	2048 GB	M5MU000	6Gbs	2.5”	SSD	
34	Micron	5210	MTFDDAK1T9QDE	1920 GB	D2MU001	6Gbs	2.5”	SSD	
35	WD	Ultrastar	HUS726T6TALE6L4	6TB	VKGNW460	6Gbs	3.5”	SATA	
36	WD	Ultrastar	HUS721212ALE604	12TB	LEGNW925	6Gbs	3.5”	SATA	
37	WD	Ultrastar	HUS721818ALE6L4	18TB	PCGNW120	6Gbs	3.5”	SATA	

2. Thunderbolt™ 3 Cable

NO.	Vender	Type	Cable Length
1	Lintes	Passive 20G	1M
2	Lintes	Passive 40G	0.5M
3	Sumitomo	Passive 20G	1M
4	Sumitomo	Passive 40G	0.5M
5	Lintes	Active 40G	1M
6	Sumitomo	Active 40G	1M
7	Lintes	Active 40G	2M

3. Mac System

NO.	Model Name	Model Identifier	Connect through
1	MacBook Pro (13-inch, Late 2016, Two Thunderbolt 3 ports)	MacBookPro13.1	
2	MacBook Pro (13-inch, 2016, four Thunderbolt 3 ports)	MacBookPro13.2	
3	MacBook Pro (15-inch,2016)	MacBookPro13.3	
4	MacBook Pro (Retina 13-inch, Late 2013)	MacBookPro11.1	Apple Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter
5	Mac Pro, Late 2013	MacPro6.1	Apple Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter
6	iMac (Retina 5K, 27-inch, Late 2014)	iMac15.1	Apple Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter
7	MacBook Pro (15-inch,2017)	MacBookPro14.3	
8	iMac (Retina 5K, 27-inch, 2017)	iMac18.3	
9	iMac Pro (2017)	iMacPro1.1	
10	Mac mini	Macmini8.1	
11	MacBook Pro (16-inch,2019)	MacBookPro16.1	
12	Mac Pro 2019	MacPro7.1	
13	Mac mini (M1,2020)	Macmini9.1	
14	MacBook Air (M1,2020)	MacBookAir10.1	
15	MacBook Pro (13-inch,M1,2020)	MacBookPro17.1	

4. PC Motherboard/Laptop

NO.	Vender	Model Name	SBIOS version	PCB version	Type
1	HP	Z1 G3 Workstation	N52 Ver01.07	NA	Desktop
2	HP	ZBOOK Studio G3	N82 Ver01.04	NA	Laptop
3	HP	ZBOOK G3	N81 Ver01.10	NA	Laptop
4	HP	Spectre 13	F.26	NA	Laptop
5	DELL	Precision 5510	01.02.10	NA	Laptop
6	DELL	Precision 7710	1.8.3	NA	Laptop
7*	DELL	Alienware	1.2.15	NA	Laptop
8*	DELL	XPS13	1.4.4	NA	Laptop
9	Intel	NUC 7i7BNH	BNKBL357.86A.2017.022.0750	NA	Desktop
10	ASUS	Maximus VIII Extreme	2202	1.03	MB
11	GIGABYTE	GA-Z170X-Gaming7	F8	1.0	MB
12	GIGABYTE	GA-Z170X-UD5 TH	F5	1.0	MB
13*	GIGABYTE	GA-Z170X-Gaming G1	F7	1.00	MB

Windows systems compatibility were tested with (2) daisy-chained Pegasus3, except the systems with asterisk which were tested with (1) Pegasus3.

5. Thunderbolt™ 3 Docking

NO.	Vender	Model Name
1	**Promise**	**TD-300**
2	HP	ZBOOK 200W Thunderbolt™ 3 Dock
3	HP	ZBOOK 150W Thunderbolt™ 3 Dock HSTNN-CX01
4	DELL	TB3 180W Dock TB15

HP Docking only works and tested with HP host systems, Dell docking only work and tested with Dell systems.

6. Mac Operating System

NO	Operating System
1	10.12.x
2	10.13.x
3	10.14.x
4	10.15.x
5	11.x

7. Windows Operating System

NO	Operating System
1	Windows 7 SP1 x64
2	Windows 10 x64

8. Display

NO.	Vendor	Model	D-Sub	DVI	HDMI	DP
1	acer	S277HK		●	●	●
2	DELL	U2913WMt	●	●	●	●
3	ASUS	PA238Q	●	●	●	●
4	ASUS	VX229H	●		●	
5	SEIKI	SE39UY04	●		●	
6	SHARP	PN-K321			●	●
7	PHILIPS	273P3LPHEB/69	●	●	●	
8	BENQ	M2700HD	●	●	●	
9	CHIMEI	22SH-L	●	●	●	
10	acer	B273H	●	●	●	
11	BENQ	GL2250HM	●	●	●	

9. Adapter

No	Vendor	Model	D-Sub	HDMI	DP	USB	USB-C	Mini DP	Ethernet
1	Apple	Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter						●	
2	Apple	USB-C Digital AV Multiport Adapter		●		●	●		
3	Apple	USB-C VGA Multiport Adapter	●			●	●		
4	Apple	USB-C to USB Adapter				●			
5	sunix	USB Type-C to Display Port Adapter			●				
6	Digitus	USB Type-C to DP Adapter			●				
7	DELL	D59GG							●

Apple Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter is only compatible with Mac system.

10. USB Device – USB 3.1 Type C

NO.	Vender	Series	Model	Capacity	Type
1	SONY	USB Type-C & A Dual Connection	USM16CA1	16GB	Flash
2	SanDisk	Dual USB Drive	SDDDC-032G-G46	32GB	Flash
3	SanDisk	ULTRA USB Type-C	SDCZ450-128G-G46	128GB	Flash
4	Apacer	Dual Interface SSD	AP120GAS720-1	120GB	SSD
5	Akitio		Neutrino USB3.1	64GB	Storage