Pegasus32 R4 / R6 / R8 Compatibility List V2.0

Document History:

- **V1.0: 09/16/2019**
  - First release
- **V1.1: 11/21/2019**
  - Update Mac Utility
  - Update Windows driver
  - More devices supported
- **V1.2: 1/14/2020**
  - Update software package
  - More devices supported
- **V1.3: 3/18/2020**
  - Update software package
- **V1.4: 9/16/2020**
  - Update software package
  - More devices supported
- **V2.0: 12/15/2020**
  - Macos11 and Apple M1 supported

Compatibility list included versions in this build are:

Firmware: 6.04.0000.18 / 6.04.0000.35 / 6.04.0000.37

Utility: Mac : 4.04.0000.17 / 4.04.0000.37 / 4.04.0000.39 / 4.04.0000.40 / 4.04.0000.42
Windows: 2.04.0000.20 / 2.04.0000.32 / 2.04.0000.34

Driver: Mac : x86: 6.2.13
M1: 6.2.16
Windows: 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.	Vender	Drive Family	Model	Capacity	Firmware	Transfer -Rate	Form Factor	SATA/SSD	Shipped with
1	Toshiba	MD04ACAxxx	MD04ACA400	4TB	FP2A	6Gbs	3.5"	SATA	R4/R6/R8
2	Toshiba	MD04ACAxxx	MD04ACA600	6TB	FP2A	6Gbs	3.5"	SATA	
3	Toshiba	MG04ACA	MG04ACA400E	4TB	FP4B	6Gbs	3.5"	SATA	
4	Toshiba	MG04ACA	MG04ACA600E	6TB	FS4B	6Gbs	3.5"	SATA	
5	Toshiba	MG05ACA	MG05ACA800E	8TB	GX2A	6Gbs	3.5”	SATA	
6	Toshiba	MD06ACAxxx	MD06ACA600V	6TB	0603	6Gbs	3.5”	SATA	
7	Toshiba	MD06ACAxxx	MD06ACA800V	8TB	0603	6Gbs	3.5”	SATA	R6/R8
8	Toshiba	MD06ACAxxx	MD06ACA10TV	10TB	0603	6Gbs	3.5”	SATA	R4/R6/R8
9	Toshiba	NAS HDD	MN06ACA10T	10TB	0603	6Gbs	3.5”	SATA	
10	Toshiba	MG07ACAxxx	MG07ACA14TE	14TB	0101	6Gbs	3.5”	SATA	
11	Toshiba	MN07ACAxxx	MN07ACA14T	14TB	0601	6Gbs	3.5”	SATA	
12	Toshiba	HK6-R	KHK61RSE1T92	1.92TB	1DET6101	6Gbs	2.5”	SSD	
13	Seagate	IronWolf	ST10000VN0008	10TB	SC60	6Gbs	3.5”	SATA	
14	WD	Ultrastar	HUS728T8TALN6L4	8TB	V8GNW410 V8GNW460	6Gbs	3.5”	SATA	
15	WD	Ultrastar	HUS726T4TALN6L4	4TB	VKGNW40H VKGNW460	6Gbs	3.5”	SATA	
16	Toshiba	MG07ACAxxx	MG07ACA12TE	12TB	0101 0102 0103	6Gbs	3.5”	SATA	R8
17	Toshiba	HK6-R	KHK61RSE960G	960GB	1DET6101	6Gbs	2.5”	SSD	
18	Samsung	860EVO	MZ-76E500	500GB	RVT01B6Q	6Gbs	3.5”	SSD	
19	Toshiba	MG06ACAxxx	MG06ACA10TE	10TB	0104	6Gbs	3.5”	SATA	
20	Toshiba	MD06ACAxxx	MD06ACA800	8TB	0603	6Gbs	3.5”	SATA	
21	Toshiba	MG06ACAxxx	MG06ACA800E	8TB	4304	6Gbs	3.5”	SATA	
22	Toshiba	MG08	MG08ACA16TE	16TB	0101	6Gbs	3.5”	SATA	
23	Micron	1300	MTFDDAK2T0TDL	2048 GB	M5MU000	6Gbs	2.5”	SSD	
24	Micron	5210	MTFDDAK1T9QDE	1920 GB	D2MU001	6Gbs	2.5”	SSD	
25	WD	Ultrastar	HUS726T6TALE6L4	6TB	VKGNW460	6Gbs	3.5”	SATA	

26	WD	Ultrastar	HUS721212ALE604	12TB	LEGNW925	6Gbs	3.5”	SATA	
27	WD	Ultrastar	HUS721818ALE6L4	18TB	PCGNW120	6Gbs	3.5”	SATA	

Shipped with HDD will depends on different regional demand.

2. Thunderbolt™ 3 Cable

NO.	Vender	Type	Cable Length
1	Lintes	Passive 40G	0.7M
2	Lintes	Passive 40G	0.8M
3	Lintes	Passive 40G	0.5M
4	Sumitomo	Passive 40G	0.5M
5	Sumitomo	Passive 20G	1M
6	Lintes	Active 40G	1M
7	Sumitomo	Active 40G	1M
8	Lintes	Active 40G	2M
9	Belkin	Active 40G	2M
10	Belkin	Active 40G	0.5M

3. Mac System

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

4. PC Motherboard/Laptop

NO.	Vender	Model Name	SBIOS version	PCB version	Type-C mode	Type
1	HP	Z1 G3 Workstation	N52 Ver01.07	NA	Thunderbolt	Desktop
2	HP	ZBOOK Studio G3	N82 Ver01.04	NA	Thunderbolt	Laptop
3	DELL	Precision 7710	1.8.3	NA	Thunderbolt	Laptop
4	ASUS	Maximus VIII Extreme	2202	1.03	Thunderbolt	MB
5	GIGABYTE	GA-Z170X-Gaming G1	F22i	1.00	Thunderbolt	MB
6	ASUS	STRIX H370-F Gaming	1402	1.02	USB	MB
7	GIGABYTE	Z390 AQRUS Pro Wifi	F10	1.0	USB	MB
8	MSI	MPG Z390 GAMING PLUS	1.60	1.1	USB	MB
9	ASUS	ROG STRIX Z390-F Gaming	1105	1.03	USB	MB
10	GIGABYTE	X470 AORUS ULTRA Gaming	F40	1.0	USB	MB

Not support USB mode provided by AMD CPU/Chipset.

5. Thunderbolt™ 3 Docking

NO.	Vender	Model Name
1	**Promise**	**TD-300**
2	HP	ZBOOK 200W Thunderbolt™ 3 Dock

HP Docking only works and tested with HP host systems.

6. Mac Operating System

NO	Operating System
1	10.14.6
2	10.15.x
3	11.x

7. Windows Operating System

NO	Operating System
1	Windows 10 x64

8. Adapter

NO	Vender	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 to USB Adapter				●			
4	sunix	USB Type-C to Display Port Adapter			●				
5	Startec	TB32HD2		●					
6	J5create	JCA111 USB-C to VGA adapter	●						

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

9. USB Device – USB 3.1 Type C

NO.	Vender	Series	Model	Capacity	Type
1	SanDisk	Dual USB Drive	SDDDC-032G-G46	32GB	Flash
2	SanDisk	ULTRA USB Type-C	SDCZ450-128G-G46	128GB	Flash
3	Apacer	Dual Interface SSD	AP120GAS720-1	120GB	SSD
4	SAMSUNG	Portable SSD T3	MU-PT500B	500G	Storage
5	SONY	USM-CA2	USM64-CA2	64GB	Flash
6	WD	MY PASSPORT SSD	WDBKVX0010PSL	1TB	Storage

10. USB cable – USB 3.1 Type C

NO.	Vender	Model	Cable Length
1	Belkin	USB-C to USB-A cable	1M
2	Belkin	USB-C to USB-C cable	1M