

Pegasus32 R4 / R6 / R8 Compatibility List V23.5

Compatibility list included versions in this build are:

Firmware: 6.04.0000.18 / 6.04.0000.35 / 6.04.0000.37 / 6.04.0000.41 /
6.04.0000.42 / 6.04.0000.44 / 6.04.0000.46 / 6.06.0000.45

Utility: Mac : 4.04.0000.17 / 4.04.0000.37 / 4.04.0000.39 / 4.04.0000.40 /
4.04.0000.42 / 4.04.0000.45 / 4.04.0000.46 / 4.04.0000.47 /
4.04.000.48 (macOS 10.15.7 or below)

: 4.06.0000.01 / 4.06.0000.03 / 4.06.0000.04
(macOS 11.0.1 or above)

Windows: 2.04.0000.20 / 2.04.0000.32 / 2.04.0000.34 / 2.04.0000.46 /
2.06.0000.02 / 2.06.0000.03

Utility Pro: Mac : 23.4.1 / 23.4.3
Win : 23.4.1 / 23.4.3

Driver: Mac : x86: 6.2.13
Apple Silicon: 6.2.16 / 6.2.17
DEXT Driver: 21.0.2 / 21.1.0 (macOS 12.4 or above)

Windows: 6.2.0.9 / 6.2.0.10 / 6.2.0.11 / 6.2.0.16 / 6.2.0.18

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

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🟦 **BLUE Models are new additions actual in test to this release.**

🟠 **ORANGE Capacities are assumed to work but were not tested.**

Vender	Series	Model	Firmware	Capacity	RPM	Transfer-Rate	Form Factor	Format
HGST	Ultrastar 7K4000	HUS724020ALA640	MF60AA70	2TB	7200	6Gbs	3.5"	512e
		HUS724030ALA640	A70	3TB	7200	6Gbs	3.5"	512e
Seagate	IronWolf	ST10000VN0008	SC60	10TB	7200	6Gbs	3.5"	512e
Toshiba	MD04ACAxxx	MD04ACA200	FS2A FP2A	2TB	7200	6Gbs	3.5"	512e
		MD04ACA300		3TB				
		MD04ACA400		4TB				
		MD04ACA500		5TB				
	MG04ACA	MG04ACA200E	FS3B FS4B FP3B FP4B	2TB	7200	6Gbs	3.5"	512e
		MG04ACA300E		3TB				
		MG04ACA400E		4TB				
		MG04ACA500E		5TB				
	MG04ACA600E	6TB						
	MG05	MG05ACA800E	GX2A	8TB	7200	6Gbs	3.5"	512e
	MD06-V	MD06ACA600V MD06ACA800V MD06ACA10TV	0603	6TB 8TB 10TB	7200	6Gbs	3.5"	512e
	MD06ACA	MD06ACA600 MD06ACA800	0603	6TB 8TB	7200	6Gbs	3.5"	512e
MG06ACA	MG06ACA600E MG06ACA800E MG06ACA10TE	0104 0108 0109	6TB 8TB 10TB	7200	6Gbs	3.5"	512e	
MN-Air	MN06ACA400 MN06ACA600 MN06ACA800 MN06ACA10T	0603	4TB 6TB 8TB 10TB	7200	6Gbs	3.5"	512e	
MN	MN07ACA400 MN07ACA600 MN07ACA800 MN07ACA10T MN07ACA12T MN07ACA14T	0601	4TB 6TB 8TB 10TB 12TB 14TB	7200	6Gbs	3.5"	512e	
MG07ACA	MG07ACA12TE MG07ACA14TE	0101 0102 0103 0104	12TB 14TB	7200	6Gbs	3.5"	512e	
MG08	MG08ACA14TE MG08ACA16TE	0101 0102 0103	14TB 16TB	7200	6Gbs	3.5"	512e	
MG08-D	MG08ADA400E MG08ADA600E MG08ADA800E	0101 0102	4TB 6TB 8TB	7200	6Gbs	3.5"	512e	

	MG09	MG09ACA16TE MG09ACA18TE	0103 0104 0105	16TB 18TB	7200	6Gbs	3.5"	512e
		MN08ADA400E	0601	4TB	7200	6Gbs	3.5"	512e
	MG10	MG10ACA18TE MG10ACA20TE	0102 0104	18TB 20TB	7200	6Gbs	3.5"	512e
WD	ULTRASTAR	HUS726T4TALN6L4	VKGNW40H VKGNW460	4TB	7200	6Gbs	3.5"	4kn
	ULTRASTAR	HUS728T8TALN6L4	V8GNW410 V8GNW460	8TB	7200	6Gbs	3.5"	4kn
	ULTRASTAR DC HC310	HUS726T4TALE6L4 HUS726T6TALE6L4	VKGNW460 VKGNW984	4TB 6TB	7200	6Gbs	3.5"	512e
	ULTRASTAR DC HC320	HUS728T8TALE6L4	V8GNW980 V8GNW9G0	8TB	7200	6Gbs	3.5"	512e
	ULTRASTAR DC HC520	HUH721212ALE604	LEGNW925	12TB	7200	6Gbs	3.5"	512e
	ULTRASTAR DC HC550	WUH721818ALE6L4	PCGNW120 PCGNW232 PCGNW680	18TB	7200	6Gbs	3.5"	512e
	RED PRO	WD141KFGX-68FH9N0 WD181KFGX-68AFPNO	83.00A83	14TB 18TB	7200	6Gbs	3.5"	512e

Shipped with HDD will depends on different regional demand.

2. SATA SSD

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

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⚠️ **ORANGE** Capacities are assumed to work but were not tested.

Vender	Series	Model	Firmware	Capacity	Transfer-Rate	Form Factor
Kingston	DC 600M	SEDC600M	SCEKH5.1	480GB 960GB 1920GB 3840GB 7680GB	6Gbs	2.5"
Micron	1300	MTFDDAK256TDL-1AW1ZABYY MTFDDAK512TDL-1AW1ZABYY MTFDDAK1T0TDL-1AW1ZABYY MTFDDAK2T0TDL-1AW1ZABYY	M5MU000 M5MU030	256GB 512GB 1024GB 2048GB	6Gbs	2.5"
	5210 ION	MTFDDAK960QDE-2AV1ZABYY MTFDDAK1T9QDE-2AV1ZABYY	D2MU001	960GB 1.92TB	6Gbs	2.5"
Samsung	860EVO	MZ-76E500	RVT01B6Q	500GB	6Gbs	2.5"
Transcend	SSD470K	TS128GSSD470K-PRO TS256GSSD470K-PRO TS512GSSD470K-PRO TS1TSSD470K-PRO TS2TSSD470K-PRO TS4TSSD470K-PRO	22Z4W14B	128GB 256GB 512GB 1TB 2TB 4TB	6Gbs	2.5"
Toshiba	HK6-R	KHK61RSE480G KHK61RSE960G	1DET6101 1DET6102	480GB 960GB	6Gbs	2.5"

		KHK61RSE1T92		1.92TB		
WD	PC SA530	SDSSDX725A-4T00	411030RL	4TB	6Gbs	2.5"
WD	WD RED SA500	WDS500G1R0A WDS100T1R0A WDS200T1R0A WDS400T1R0A	411000WR	512GB 1TB 2TB 4TB	6Gb/s	2.5"

Shipped with HDD will depends on different regional demand.

3. Mac System

Processor / Chip	Model Name	Model Identifier	Type-C mode	Connect through
intel	MacBook Pro (Retina 15-inch, Late 2013)	MacBookPro11.3	Thunderbolt	Apple Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter
Intel	Mac Pro, Late 2013	MacPro6.1	Thunderbolt	Apple Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter
Intel	iMac (Retina 5K, 27-inch, Late 2014)	iMac15.1	Thunderbolt	Apple Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter
Intel	MacBook Pro (13-inch, Late 2016, Two Thunderbolt 3 ports)	MacBookPro13.1	Thunderbolt	
Intel	MacBook Pro (13-inch, 2016, four Thunderbolt 3 ports)	MacBookPro13.2	Thunderbolt	
Intel	MacBook Pro (15-inch,2016)	MacBookPro13.3	Thunderbolt	
Intel	MacBook Pro (15-inch,2017)	MacBookPro14.3	Thunderbolt	
Intel	iMac (Retina 5K, 27-inch, 2017)	iMac18.3	Thunderbolt	
Intel	iMac Pro (2017)	iMacPro1.1	Thunderbolt	
Intel	Mac mini	Macmini8.1	Thunderbolt	
Intel	MacBook Pro (16-inch,2019)	MacBookPro16.1	Thunderbolt	
Intel	Mac Pro 2019	MacPro7.1	Thunderbolt	
M1	Mac mini (M1,2020)	Macmini9.1	Thunderbolt	
M1	MacBook Air (M1,2020)	MacBookAir10.1	Thunderbolt	
M1	MacBook Pro (13-inch,M1,2020)	MacBookPro17.1	Thunderbolt	
M1	iMac (24-inch,M1,2021)	iMac21.2	Thunderbolt	
M1 Pro	MacBook Pro (16-inch, 2021)	MacBookPro18.1	Thunderbolt	
M1 Pro	MacBook Pro (14-inch, 2021)	MacBookPro18.3	Thunderbolt	
M1 Max	Mac Studio (2022)	Mac13.1	Thunderbolt	
M1 Ultra	Mac Studio (2022)	Mac13.2	Thunderbolt	
M2	MacBook Pro (13-inch, 2022)	Mac14.7	Thunderbolt	

M2	MacBook Air (M2,2022)	Mac14.2	Thunderbolt	
M2 Ultra	Mac Pro 2023	Mac14.8	Thunderbolt	
M3	iMac (24-inch,2023)	Mac15.5	Thunderbolt	
M3 Pro	MacBook Pro (16-inch,Nov 2023)	Mac15.7	Thunderbolt	

Mac mini M2 presumed to be functional, based on M2 which is the same CPU formally tested.
 Mac Studio M2 Ultra presumed to be functional, based on M2 Ultra which is the same CPU formally tested.
 MacBook Pro M3 presumed to be functional, based on M3 which is the same CPU formally tested.

4. PC Motherboard/Laptop

Vender	Model Name	SBIOS version	PCB version	Type-C mode	Type
HP	Z1 G3 Workstation	N52 Ver01.07	NA	Thunderbolt	Desktop
	ZBOOK Studio G3	N82 Ver01.04	NA	Thunderbolt	Laptop
DELL	Precision 7710	1.8.3	NA	Thunderbolt	Laptop
	XPS 13 9300	1.6.3	NA	Thunderbolt	Laptop
	Inspiron 7400	1.22.0	NA	Thunderbolt	Laptop
ASUS	Maximus VIII Extreme	2202	1.03	Thunderbolt	MB
	STRIX H370-F Gaming	1402	1.02	USB	MB
	ROG STRIX Z390-F Gaming	1105	1.03	USB	MB
	Zenbook UP6502ZD	307	NA	Thunderbolt	Laptop
GIGABYTE	GA-Z170X-Gaming G1	F22i	1.00	Thunderbolt	MB
	Z390 AQRUS Pro Wifi	F10	1.0	USB	MB
	X470 AORUS ULTRA Gaming	F40	1.0	USB	MB
MSI	MPG Z390 GAMING PLUS	1.60	1.1	USB	MB

Not support USB mode provided by AMD CPU/Chipset.

5. Thunderbolt™ 3 Cable

Vender	Type	Cable Length
Lintes	Passive 40G	0.5M
		0.7M
		0.8M
	Active 40G	1M
		2M
Sumitomo	Passive 40G	0.5M
	Passive 40G	0.7M
	Passive 20G	1M
	Active 40G	1M
Belkin	Active 40G	0.5M

6. Thunderbolt™ 4 Cable

Vender	Type	Cable Length
Lintes	Active 40G	2M
Sumitomo	Passive 40G	1M

7. Thunderbolt™ 3 Docking

Vender	Model Name
Promise	TD-300
HP	ZBOOK 200W Thunderbolt™ 3 Dock

HP Docking only works and tested with HP host systems.

8. Mac Operating System

Operating System
10.14.6
10.15.x
11.x
12.x
13.x
14.x

9. Windows Operating System

Operating System
Windows 10 x64
Windows 11 x64

10. Adapter

Vender	Model	D-Sub	HDMI	DP	USB	USB-C	Mini DP	Ethernet
Apple	Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter						•	
	USB-C Digital AV Multiport Adapter		•		•	•		
	USB-C to USB Adapter				•			
sunix	USB Type-C to Display Port Adapter			•				
Startec	TB32HD2		•					
J5create	JCA111 USB-C to VGA adapter	•						

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

11. USB Device – USB 3.1 Type C

Vender	Series	Model	Capacity	Type
SanDisk	Dual USB Drive	SDDDC-032G-G46	32GB	Flash
SanDisk	ULTRA USB Type-C	SDCZ450-128G-G46	128GB	Flash
Apacer	Dual Interface SSD	AP120GAS720-1	120GB	SSD
SAMSUNG	Portable SSD T3	MU-PT500B	500G	Storage
SONY	USM-CA2	USM64-CA2	64GB	Flash
WD	MY PASSPORT SSD	WDBK VX0010PSL	1TB	Storage

12. USB cable – USB 3.1 Type C

Vender	Model	Cable Length
Belkin	USB-C to USB-A cable	1M
Belkin	USB-C to USB-C cable	1M