PROMISE
TECHNOLOGY

P3WB Series

Prosumer RAID Desktop Storage

Thunderbolt™ 3 Hardware RAID Storage for Creative Professionals

Benefits

- Create, edit, view, and share brilliant 3D and 4K video

- Seamlessly transfer terabytes of data in minutes rather than hours

- Safely backup massive creative projects

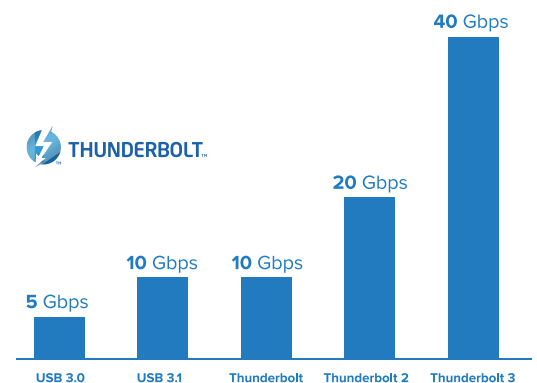- Simplify and accelerate your workflow

Highlights

- Supports maximum throughput allowed by Thunderbolt™ 3 interface

- Expand storage capacity and backup for workstations

- Supports simultaneous streaming, editing, and backup of 4K video

- Dual Thunderbolt™ ports for daisy-chaining

- Hot-swappable drive bays for effortless drive access and serviceability

- Portable hardware RAID protection for offsite shoots

- Massive storage capacity for backing up creative projects and digital libraries

- Essential to P3WB end-to-end 4K workflow environment

P3WB RAID Series

- The P3WB Series with Thunderbolt 3 technology delivers blistering performance for creative professionals creating high resolution video and rich media content.

- Built to maximize the available line rate of Thunderbolt 3, video creators, photographers, graphic artists, and engineers alike can transfer and display 4K video files simultaneously at lightning speeds.

- P3WB is the world's first RAID 5 solution featuring Thunderbolt 3 technology, enabling pros and enthusiasts to create, edit, and view live 4K video streams while simultaneously backing up files to the system.

P3WB and Workstations

- P3WB is the storage launched for workstations that have Thunderbolt 3 ports. Available in 4-bay and 8-bay configurations.

- Storage capacity for massive 4K projects can be expanded by daisy-chaining multiple P3WB systems.

P3WB Series Specifications

Model	P3WBX4 White Box (Diskless)	P3WBX8 White Box (Diskless)
General Information		
Form Factor	4-Bay hardware RAID enclosure	8-Bay hardware RAID enclosure
Drive Support	3.5" SATA 6Gb/s (user needs to buy the extra 2.5" to 3.5" HDD bracket for the AVL 2.5" HDD/SSD)	3.5" SATA 6Gb/s (user needs to buy the extra 2.5" to 3.5" HDD bracket for the AVL 2.5" HDD/SSD)
Processor	Integrated SAS ROC (Raid-On-Chip)	Integrated SAS ROC (Raid-On-Chip)
Memory	1GB DDR3 1866 ECC on board	1GB DDR3 1866 ECC on board
Controller (TBT chip)	Intel Titan Ridge	Intel Titan Ridge
Expansion	2 Thunderbolt ports use for daisy chain	2x Thunderbolt ports use for daisy chain
Camera Range (optional)	N/A	N/A
Host Interface*	2x USB-C ports either Thunderbolt3 40Gbps (power the host up to 85W - Port A only) or USB 3.2 Gen 2	2x USB-C ports either Thunderbolt3 40Gbps (power the host up to 85W - Port A only) or USB 3.2 Gen 2
Thunderbolt Port	Dual Thunderbolt ports, one for host connection, one for downstream daisy chain	Dual Thunderbolt ports, one for host connection, one for downstream daisy chain
Port type	USB Type C	USB Type C
PCI Express Port	NA	NA
Graphic Port	NA	NA
Microphone	NA	NA
RAID & Features		
RAID Level	RAID 0, 1, 5, 6, 10, JBOD	RAID 0, 1, 5, 6, 10, 50, 60, JBOD
Hot Spare	Yes	Yes
Max LUNs	128	128
Hot Swap	Yes	Yes
Software Highlights		
Supported OS	macOS/Windows, Driver and Management Tool. Linux (driver only)	macOS/Windows, Driver and Management Tool. Linux (driver only)
Management Tool	P3WB Utility	P3WB Utility
Ecosystem Integration	NA	NA
Product Specific Features	Intelligent Cooling/Acoustic control, Drive SMART health Polling	Intelligent Cooling/Acoustic control, Drive SMART health Polling
NAS Features	NA	NA
Physical Inforamtion		
Dimension	191 x 123 x 277 (H x W x D, mm)	309 x 123 x 277 (H x W x D, mm)
Weight	4.2kg	5.9kg
AC Input	100-240V auto-ranging, 50~60Hz AC	100-240V auto-ranging, 50~60Hz AC
Power Supply	250W PSU	250W PSU
Environment		
Temperature Range	Operating: 5° ~ 35° C , Non-operating: -40° ~ 70° C	Operating: 5° ~ 35° C , Non-operating: -40° ~ 70° C
Humidity	Operating: 10% ~ 95% non-condensing , Storage: 5% - 95% non-condensing	Operating: 10% ~ 95% non-condensing , Storage: 5% - 95% non-condensing
Regulatory/Safety	NA (EMC: FCC, CE , Safety: cTUVus, CB by the customer request)	NA (EMC: FCC, CE , Safety: cTUVus, CB by the customer request)
Green Certificate	ROHS, WEEE	ROHS, WEEE
Warranty and Support		
Warranty	3-years standard warranty	3-years standard warranty
Support	NA	NA
Packing Material		
Thunderbolt3 / USB cable (USB Type-C)	1x 0.7 Thunderbolt3 / USB cable (USB Type-C)	1x 0.7 Thunderbolt3 / USB cable (USB Type-C)
AC Powr Cord	1x 1.8m US power cord	1x 1.8m US power cord