



DVpro USB 3.1 RAID 6

Desktop USB3.1 Gen 2 RAID System-DVT06 for Video Professionals

DVpro series as its name is designed for Video professionals to cope with high definition video workflow.

The new generation of USB - USB3.1 interface not only double speed to 10Gbp/s transfer rate but maintaining compatibilities with widely adopt USB3 and USB2 devices. DVT06U3 is designed for best performance/ cost supporting six SATA drives with USB3.1 Gen 2 Type C interface. Moreover, USB3.1 devices can be applied to the latest Thunderbolt™ 3 host adapting same Type C connector.



Our innovative purpose-built RAID 6 controller resides in kernel of DVT06U3 handling real time double redundancy data I/Os on the fly.

Born for uncompromised reliability, the storage controller performs Spot-recovery at spontaneous error and Verify-Read After Write to bare the weakness of large capacities and economic SATA HDDs.

The desktop design supports six hot-swappable SATA drives with industrial grade power supply and high reliability cooling fan.

Features

- RAID 0, 10*, 3*, 5*, 6(Default and Standard)
- Reversible USB3.1 Type C Connector for host
- 10Gbps USB3.1 Gen 2 speed, Thunderbolt™ 3 compatible
- Backward compatible with USB 3.0, USB2.0
- Support up to 6 hot-swappable SATA HDDs
- Adjustable HDD Recovery Priority
- Zero Initialization Time on Boot and Volume initialization
- Background HDD sector patrol and correction
- 1GB cache buffer
- 3U Rackmount Convertible
- LAN port for Web GUI
- Enclosure Monitoring for Fan, Temperature
- LED/LCD Fault indication, Email Alarming and SNMP Trap
- Low Acoustic Noise by fan speed control
- Plug and Play AHCI support, no Driver required
- Server grade Power Supply and Fan



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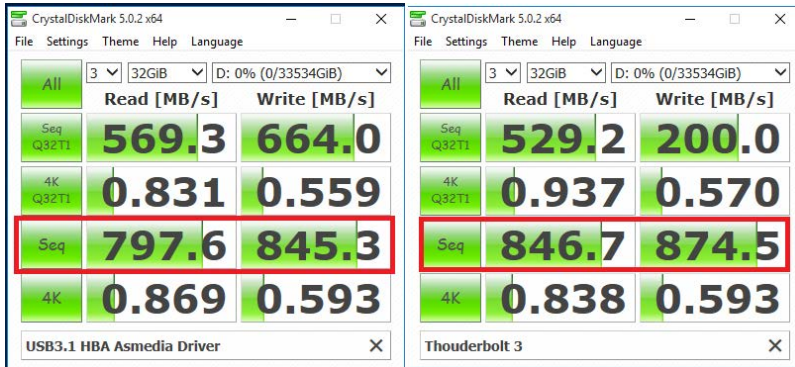


Storage Solution

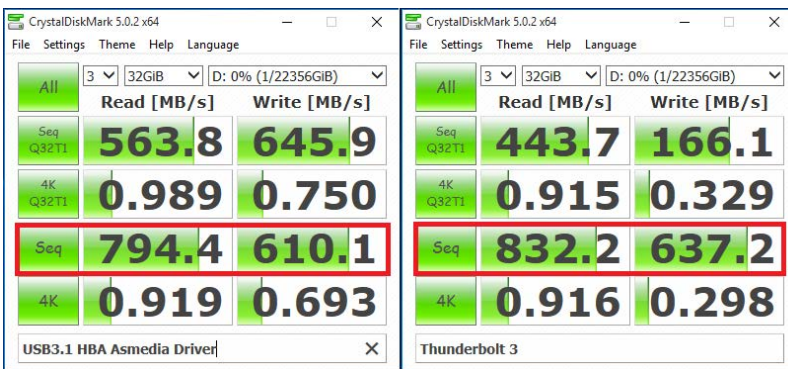
*Total number of disks supported for different RAID levels might be varied. Please refer to the specification table for details.

Deliver USB3.1 Gen 2 Performance

1. USB3.1 Gen 2 Host¹, 797/845MB/s (Read/ Write)
2. Thunderbolt 3 Host², 846/874MB/s (Read/ Write)

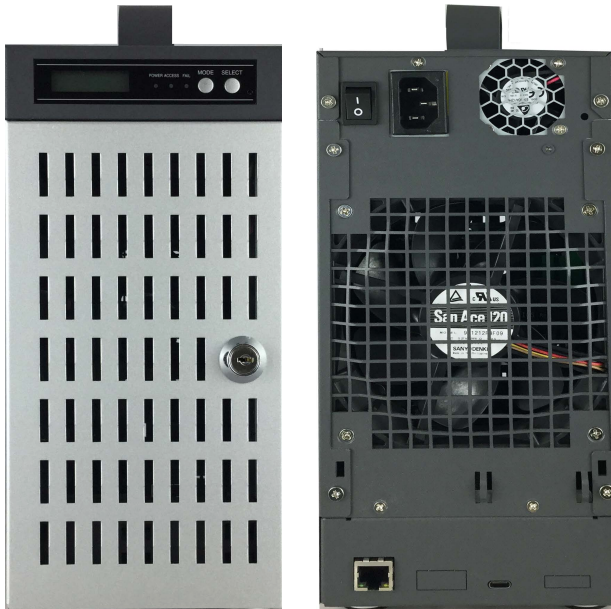


RAID 0 Performance (Left for USB3.1 Host¹, Right for Thunderbolt 3 Host²)



RAID 6 Performance (Left for USB3.1 Host¹, Right for Thunderbolt 3 Host²)

1. Windows 10 Pro: Intel Core i7 3.4GHz 8GB DDR4 2133MHz, USB3.1 Asmedia ASM1142
2. Windows 10 Pro: Intel Core i7 3.4GHz 8GB DDR4 2133MHz Thunderbolt 3 DSL6540



Model Name	DVT06U3
Host Interface	USB3.1 Gen2 Type C
Drive Interface	SATA 3G or 6G
Management Interface	RJ45 Fast Ethernet
RAID Mode	RAID 0, 10, 3, 5, 6
Number of Drive	6 hot-swappable SATA(RAID 0,6) 5 hot-swappable SATA (RAID 3, 5) 4 hot-swappable SATA for RAID10
Number of Fan	Sanyo Denki 12 CM
Power Supply	Delta Server grade, 250Watt
AC Input	90V-260V Auto Switching
Compatible Oss	Windows 7, 8, 10, Server 2008 R2, Server 2012, Mac OS X 10.6 above
Acoustic Noise	N/A yet
Operating Temperature/Humidity	0°C to 35°C, 85% non-condensing
Storage Temperature/Humidity	-20°C to 70°C, 95% non-condensing
Dimension	129mm(W) x 260mm(L) x 260mm(H) w/o handle
Weight	4Kg without disk drives

*One meter USB3.1 Type C-C cable is included inside the package.

■ Please feel free to inquire. BIOS AP Inc.

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