DECK DT8-U5
A compact and cutting-edge design

Desktop storage devices enter a new and unprecedented era of dual use.

With the same stunning structural design, we have created an unmatched platform design. We revamped the product inside and out with new ideas, redesigned every detail, and came out with an elegant and compact design that is equipped with cutting-edge technology.

Smaller size with the same large capacity

Coming in at half the size of similar-level rack products, it is still able to maintain the same storage capacity. Such differences require the continuous attention and boldness to take up new challenges.

Up to
48 TB
6TB x 8

Solid industrial design, worry-free cooling

The solid industrial design structure with its exquisite aluminum alloy outer shell not only provides a strong hard disk mounting environment, the quick-cooling case and the two 9cm ultra-quiet cooling fans make rapid cooling and system stability possible even when 8 hard disks are running concurrently.

Convenient and safely removable hard drive module

DT8-U5's unique hard drive tray design features a security lock and a safety structure that locks the hard drive, which effectively allows simple and convenient maintenance for sensitive data. In care of hard drive damage, users do not have to worry about data maintenance as they merely have to swap it with a hard drive of identical model and capacity, which significantly reduces the waiting time incurred during the device repair period.
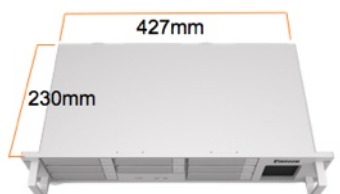
Short-rack design allows for more diversified types of installation

DT8-U5's short-rack structural design is not only suitable to for desktop use, but also for installation on server racks. Because its depth is less than half of a normal rack, the installation can be combined with a mobile rack without occupying extra space.

Built-in power supply

DT8-U5 is equipped with a 300 Watt, high-conversion-efficiency internal power supply that complies with safety standards; this allows users to not be affected by insufficient power for the use of hard drives with different standards.

Large capacity (up to 32TB) for your business

The DT8-U5 is compatible with 4TB SATA/SAS hard drives of various brands. When used with a RAID card in RAID 0 mode, installing eight 4TB hard drives will allow the system to provide up to 32TB of storage space from a single drive; when used with RAID card in RAID 5 mode, it is able to provide a single secure storage space of 28TB, constantly ensuring the safety of your important data.

427mm

230mm

6TB

DECK
DT8-U5

Setting up a professional video-editing workstation with ease

ATTO R680 SAS RAID Card

Use with a RAID controller card and take advantage of the high transmission rate of RAID 0 for high-definition video editing. Video formats like HD/2K can also be easily edited without having to spend time waiting.

A complete image processing and storage device

Use with RAID controller card and make use of RAID 5's safety and high-speed capabilities to protect all your images during your long work periods. With RAID 5's large 42 TB capacity, you will be able to store up to 1350,000 raw images.

ATTO R680 SAS RAID Card

Expand storage capacity for Mac mini Server

Users may purchase ATTO ThunderStream that comes with the Thunderbolt interface to connect to the DT8-U5 and make a Thunderbolt disk array system. This can be easily connected to a Mac mini server to increase its capacity.

Upgrade to Thunderbolt interface to expand your iMac's capacity

Users may also purchase ATTO ThunderStream to connect to the DT8-U5 and make a Thunderbolt disk array system. This will expand the storage space of your iMac that you use daily, making your work more convenient and reducing worries of sudden hard disk break down and the data loss that may cause.

Carrying your required devices is just that easy

Bringing the DT8-U5 out to work is not a difficult task. Users may purchase the appropriate rack transport case to carry the DT8-U5. The short-rack design is suitable for carrying in the transport cases. The DT8-U5's all-aluminum structural design also allows the weight of the transport case to be significantly reduced. Users may easily wheel the case around without having to worry of damaging the device in a small collision. These are all the advantages of the short-rack DT8-U5.

DECK DT8-U5

High transmission rate—When the ATTO R680 PCIe x 8 RAID controller and eight 7200 RPM SATA II hard disks are installed in the DT8-U5, it can approach speeds of 1000MB/sec under RAID 5 protection mode. It can also support two concurrent transmissions of uncompressed 10bit high-definition video or transmission of a single 2K DPX file.

Dt8-U5 with ATTO R680

RAID 0 mode

AJA System Test	Read	1124.8 MB/s
File Size : 16.0 GB	Write	1121.7 MB/s
Video Frame Size : 1920 x 1080 8-bit	Total Volume :	24TB (3TB x 8)

Test Environment

Testing conducted by STARDOM in January 2010 using an Apple Mac Pro 8 core 2.26 GHz with 6GB RAM running Mac 0S X 10.6. Eight external drives (HITACHI 3TB SATA III 7200 rpm) were used as the test volume when AJA tests were performed.

Dt8-U5 with ATTO R680

RAID 5 mode

AJA System Test	Read	996.7 MB/s
File Size : 16.0 GB	Write	980.4 MB/s
Video Frame Size : 1920 x 1080 8-bit	Total Volume :	21TB (3TB x 8)

Test Environment

Testing conducted by STARDOM in January 2010 using an Apple Mac Pro 8 core 2.26 GHz with 6GB RAM running Mac 0S X 10.6. Eight external drives (HITACHI 3TB SATA III 7200 rpm) were used as the test volume when AJA tests were performed.

STARDOM
STORAGE SOLUTIONS

Products Views

Specification	
Model No	**DT8-U5**
Interfaces	2 x Mini-SAS port (SFF8088 / 26 pin)
Compatible Drives	8 x 3.5" SAS/SATA III HDD / Support large volume up to 6TB
Storage Mode	8 x Independent Volume (JBOD)
Electrical and Operating Requirements	* Line voltage: 100-240V AC * Frequency: 50Hz to 60Hz, single phase * Maximum continuous power: 300W * Operating temperature: 50° to 95° F (10° to 35° C) * Storage temperature: -4° to 116° F (-20° to 47° C) * Relative humidity: 5% to 95% noncondensing
Cooling System	9 cm Low noise fan x 2
Size and Weight	Height: 95 mm Width: 427 mm Depth: 230 mm Weight: 6.5 kg
Product Code	EAN : 4711132864687 UPC : 884826503897
Carton	2 pcs per carton
Package Accessories	DT8-U5 x 1 (with removable drive tray enclosed x 8) * MiniSAS Cable x 2 * AC Power Cable x 1 * Accessory kit * Rackmount handle * Foot pads * User Manual x 1

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