BUFFALO™
PERFORMANCE MATTERS

DriveStation™ Ultra Series
HD-D/R6, HD-HN/R6

BLAZING FAST SPEEDS & LARGEST CAPACITY DESKTOP DAS IN THE INDUSTRY

Buffalo's DriveStation™ Ultra is a high performance, high capacity direct attached storage solution ideal for businesses that demand fast data transfer speeds for large files, such as 4k high resolution video. The DriveStation Ultra is available in either a ten-drive or six-drive desktop model, with capacities ranging from 12 TB to 80 TB, the largest capacity desktop DAS available today. With multi-interface support, Mac® users can experience blazing fast speeds using a Thunderbolt 2 connector, while PC users can also connect through high-speed USB 3.0 and eSATA interfaces. RAID 6 support provides extra protection that allows up to two hard drives to fail without data loss. The DriveStation Ultra is equipped with either enterprise or NAS hard drives designed for continuous operation. Extremely fast data transfers for both Mac and PCs and safe data storage with RAID options make the DriveStation Ultra an ideal solution for storing large files quickly and safely.

FEATURES

THUNDERBOLT 2 SPEEDS
The DriveStation Ultra comes equipped with two Thunderbolt 2 connectors, allowing Mac users to experience write speeds up to 1243 MB/s using RAID 0. With the fastest connection available, it's an ideal solution for transferring and storing large files such as 4k high resolution videos.

HIGH CAPACITY
The DriveStation Ultra offers the largest capacity available in DAS today. The high capacity drive is available in 12 TB, 24 TB, 40 TB and 80 TB capacities; perfect for storing your high resolution videos and other large files. Thunderbolt 2 ports provide the ability to daisy chain up to 6 DriveStation Ultras, and with 6 ports on a single Mac Pro you can achieve up to 2.88 PB of storage.

MULTI-INTERFACE SUPPORT
In addition to the ultra-fast Thunderbolt 2 connection for Mac, users can connect to the DriveStation Ultra with USB 3.0 and eSATA connections, allowing the desktop hard drive to be accessible for both Mac and PC users.

HIGH PERFORMANCE HARD DRIVES
The DriveStation Ultra features 10 helium-filled enterprise hard drives for the 80 TB model, and 6 or 10 NAS hard drives for the 12 TB, 24 TB & 40 TB models. These high performance hard drives are optimized for continuous 24/7/365 operation that run cooler and save power, resulting in lower operating costs for your business.

SAFE DATA STORAGE
The DriveStation Ultra provides users the flexibility to easily maximize capacity or protect their data using RAID redundancy.

- RAID 0 combines all drives into a single array, offering maximum storage capacity with no redundancy
- RAID 5 stripes the data across all drives, interspersing parity data to provide an efficient blend of fault tolerance and storage capacity
- RAID 6 uses two parity stripes per hard drive, allowing two hard drives to fail without any data loss

BUFFALO
PERFORMANCE MATTERS

DriveStation™ Ultra Series
HD-D/R6, HD-HN/R6

PRODUCT SPECIFICATIONS

SERIES	HD-HN/R6	HD-D/R6
MODELS	HD-HN012TR6 (12 TB) HD-HN024TR6 (24 TB)	HD-DN040T/R6 (40 TB) HD-DH080T/R6 (80 TB)
INTERNAL HARD DRIVES		
Number of Drives	6	10
Drive Interface	SATA 3 Gbps	SATA 3 Gbps
Type of Drives	NAS	NAS (40 TB) Enterprise (80 TB)
OTHER		
Dimensions (L x W x H)	9.06 x 6.69 x 10.47 in	15.24 x 7.48 x 12.60 in
Weight	16.98 lbs	39.68 lbs
Power Supply	AC 100-240V 50/60 Hz	AC 100-240V 50/60 Hz
Power Consumption (Watts)	Max 82 W	Max 350 W

REPLACEMENT HARD DRIVES

OP-HD2.0BNB (2 TB NAS)*
OP-HD4.0BNB (4 TB NAS)
OP-HD8.0BHB (8 TB Enterprise)**

*HD-HN/R6 only **HD-DH080T/R6 only

CLIENT OS SUPPORT

Windows® 10
Windows® 8.1 (32-bit/64-bit)
Windows® 8 (32-bit/64-bit),
Windows® 7 (32-bit/64-bit)
Windows® Server 2012 R2
Windows® Server 2012
Windows® Server 2008 R2
Windows® Server 2008
Mac OS® X 10.10
Mac OS® X 10.9

DESKTOP FORM FACTOR

The DriveStation Ultra comes as a desktop solution, conveniently providing up to 80 TB of data well within reach.

BOX CONTENTS

DriveStation™ Ultra, Thunderbolt cable, USB 3.0 cable, eSATA cable, Quick setup guide, Warranty statement

THUNDERBOLT 2 INTERFACE

Standards Compliance	Thunderbolt 2
Number of Ports	2

SERIAL ATA INTERFACE

Standards Compliance	External Serial ATA
Connector Type	eSATA 7-Pin
Number of Ports	1
Data Transfer Rates	3 Gbps

USB INTERFACE

Standards Compliance	USB 3.0 / USB 2.0
Connector Type	USB 3.0 Standard B
Number of Ports	1
Data Transfer Rates	Max 5 Gbps (USB 3.0) Max 480 Mbps (USB 2.0)

3-year WARRANTY | Mac / PC | RAID Protection | USB 3.0 | Thunderbolt 2

©2015 BUFFALO INC. All rights reserved. BUFFALO and BUFFALO logo are either trademarks or registered trademarks of MELCO HOLDINGS INC. DriveStation is a trademark of BUFFALO INC. Microsoft Windows, Windows Vista and Windows logo are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Mac OS is a trademark of Apple Inc., registered in the U.S. and other countries. The names and logos of other companies mentioned herein belong to their respective owners.