

# TeraStation WSS

Buffalo TeraStation™ WSS 5000 6 Bay with Windows® Storage Server 2012 R2

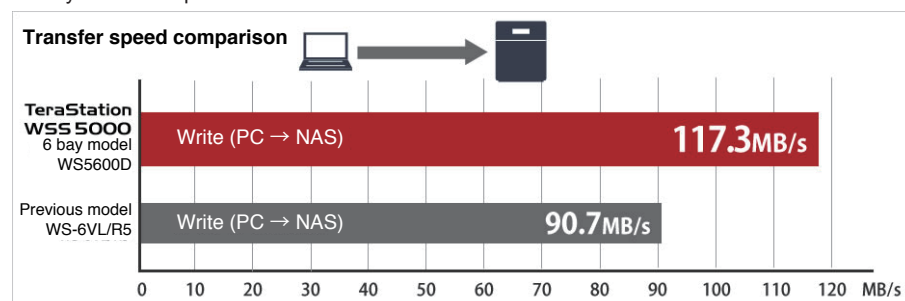
# BUFFALO™

## WS5600DSR2

TeraStation™ WS5600DSR2 brings you the power of Windows® Server OS and Intel® Atom™ Dual-Core Processor in a 6-bay form factor. The TeraStation™ WS5600DSR2 is powered by the Microsoft Windows® Storage Server 2012 R2 Standard Edition, providing seamless integration with all Windows® computers and servers.

### ■ Intel® Atom™ Dual-Core Processor & DDR3 memory

The TeraStation™ WSS 5000 R2 Series is equipped with Intel® Atom™ Dual-Core Processor, 4GB DDR3 memory, and USB 3.0, maximizing the data transfer speed to support large data transfers and multiple data transfers which occurs constantly in daily business operations.



\*Test conducted by Buffalo on December 2012.

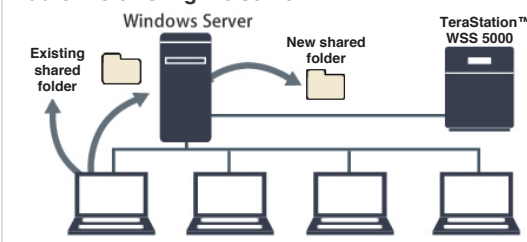
<Devices> [PC] Motherboard: Intel DH77KC (PU-0015), Chipset: Intel H77, BIOS: KCH7710H.86A.0095.2012.0608.1754, CPU: Intel Core i3 2100, Memory: DDR3-1600 2GB, System: 64bit OS, Gigabit Ethernet: Intel 82579V Gigabit Network Connection, HDD: Seagate ST31000DM003 x2 RAID, OS: Windows 7 x86 Professional SP1 [NAS] WS5600D, WS-6VL/R5  
<Measurement Method> Connected WS5600D and WS-6VL/R5 to PC by LAN and mounted as network drive, then ran five tests using NASPT Ver.1.71. Above value has been taken from the average of three test results, excluding maximum and minimum value. Measured values were obtained in a specific test environment; this does not necessarily guarantee similar results can be achieved in all operating environments.



### ■ Expand your existing server's storage capacity with iSCSI

The TeraStation™ WSS 5000 R2 Series can be used as an iSCSI storage array, allowing you to expand the storage space of your existing server. Since this can be done through the LAN network, installation location can be flexible.

#### Add-on to existing file server



### ■ Provides 3 years warranty

Buffalo's original corporate model quality standard requires selection of highly reliable parts and strict product development, pursuing for product's durability and longevity. As a result, Buffalo is able to provide 3 years warranty on this TeraStation™ WSS 5000 R2 Series.

#### Parts selected under strict quality standard



#### Original board designed from Buffalo's Japanese corporate model standard



## Features

- Dual Core Intel® Atom™ Processor D2700 2.13GHz
- Windows® Storage Server 2012 R2 Standard Edition
- iSCSI Target and Initiator
- Front loading hot swap hard drives with lockable front panel
- Active Directory support
- Disk quota (soft quota) support prevents users/groups from consuming too much disk space
- Scheduled shut down eliminates unnecessary access and reduces energy costs
- DFS (Distributed File System), Namespace & Replication support
- 10/100/1000 Mbps Gigabit Ethernet with Jumbo Frame
- 2 Ethernet ports for port trunking
- Works with VMware and Hyper-V (SAN Storage for Virtual Machines)
- Supported RAID levels: JBOD, RAID 0/1/5
- Large quiet fan cools hard drive efficiently
- LCD Display shows important TeraStation information and disk status
- 2 USB 3.0 ports and 2 USB 2.0 ports for external drive, printer and UPS connectivity
- 3 years limited warranty

## WS5600DSR2

## Specifications

## Hardware

|     |                                                |
|-----|------------------------------------------------|
| CPU | Dual Core Intel® Atom™ Processor D2700 2.13GHz |
| RAM | 4GB DDR3                                       |

## Software

|                  |                                                  |
|------------------|--------------------------------------------------|
| OS               | Windows® Storage Server 2012 R2 Standard Edition |
| Connection Limit | Unlimited                                        |

## Internal Hard Drives

|                       |                  |
|-----------------------|------------------|
| Drive Interface       | SATA(II) 3Gbps   |
| Number of Bays        | 6                |
| Hard Drive Capacities | 2TB, 4TB         |
| Total Capacities      | 12TB, 24TB       |
| Supported RAID Levels | JBOD, RAID 0/1/5 |

## LAN Interface

|                     |                                     |
|---------------------|-------------------------------------|
| Standard Compliance | IEEE 802.3ab/IEEE 802.3u/IEEE 802.3 |
| Link Speed          | 10/100/1000 Mbps with Jumbo Frame   |
| Connector Type      | RJ-45                               |
| Number of LAN Ports | 2                                   |

## USB Interface

|                     |                                                   |
|---------------------|---------------------------------------------------|
| Standard Compliance | USB 3.0/2.0                                       |
| Number of Ports     | 2 x USB 3.0/2 x USB 2.0                           |
| Data Transfer Rate  | 5Gbps USB 3.0/480Mbps USB 2.0 (theoretical value) |

## Serial Port

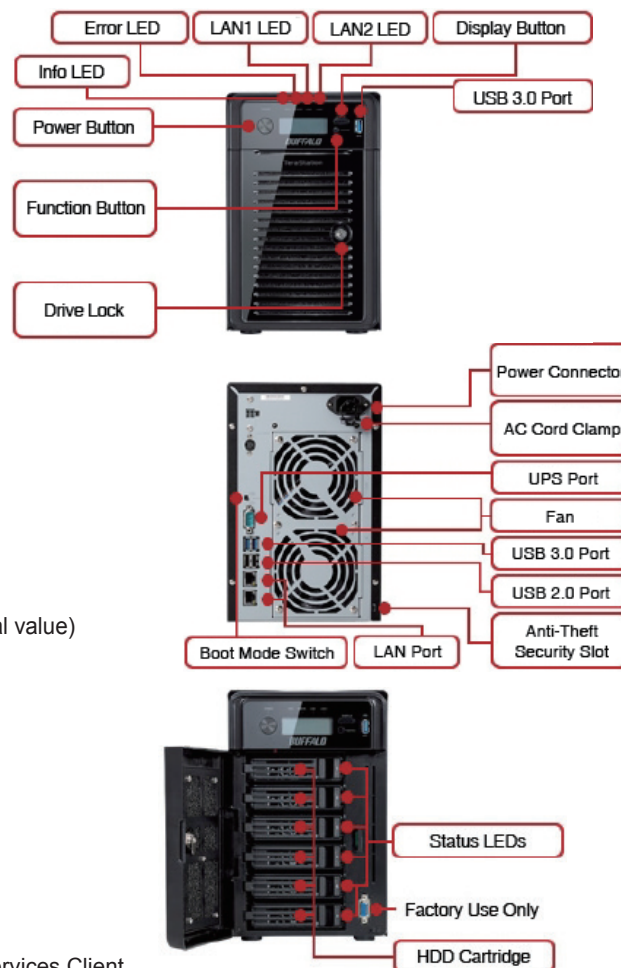
|                 |            |
|-----------------|------------|
| Connector Type  | D-SUB 9pin |
| Number of Ports | 1          |

## Protocol Support

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Networking            | TCP/IP                                                  |
| File Sharing          | CIFS/SMB, FTP/SFTP/FTPS, NFS                            |
| Directory Integration | LDAP, Active Directory                                  |
| Management            | Remote Desktop Protocol (RDP), Terminal Services Client |
| Time Synchronization  | NTP                                                     |

## Others

|                         |                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions (W x H x D ) | 170 x 260 x 230mm                                                                                                                                                                |
| Weight                  | 10kg                                                                                                                                                                             |
| Power Supply            | Internal, AC 100-240V 50/60Hz                                                                                                                                                    |
| Power Consumption       | Max. 120W                                                                                                                                                                        |
| Operating Environment   | Temperature: 5 - 35°C, Humidity: 20 - 80% (non-condensing)                                                                                                                       |
| Supported Client OS     | Windows® 8 (32/64bit), Windows® 7 (32/64bit), Windows Vista™ (32/64bit), Windows® XP, Windows Server® 2008, Windows Server® 2003, Windows® 2000 Server, Mac OS® X 10.4 and above |



## About BUFFALO

[www.buffalo-asia.com](http://www.buffalo-asia.com)

BUFFALO Inc., based in Nagoya, Japan, is a leading global provider of award-winning networking, storage and multi-media solutions for the home and small business environments as well as for system builders and integrators. With three decades of networking and computer peripheral experience, BUFFALO has proven its commitment to delivering innovative, best-of-breed solutions that have put the company at the forefront of infrastructure technology.