



PRODUCT GUIDE

STORAGE



WIRELESS



MULTIMEDIA



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Product Overview

BUFFALO



STORAGE SOLUTIONS

Buffalo™ provides storage solutions for both the home and business environments. Buffalo™ LinkStation™ and TeraStation™ Network Attached Storage (NAS) products provide a central and secure location to store, access and share files. The external solutions are designed with features, performance and reliability in mind. Plug them in and immediately have easy and fast access to additional storage.



WIRELESS SOLUTIONS

Buffalo™ range of Wireless products offer simple and secure networking solutions for the home and business. With a variety of routers, access points and adapters to suit all needs and requirements.



MULTIMEDIA SOLUTIONS

Buffalo™ multimedia solutions will allow you to take advantage of your television and home cinema set-up to enhance your digital lifestyle. Stream movies, music, photos and files from your Buffalo™ multimedia network storage device to your living room through your PC.

Buffalo™ at Home

BUFFALO

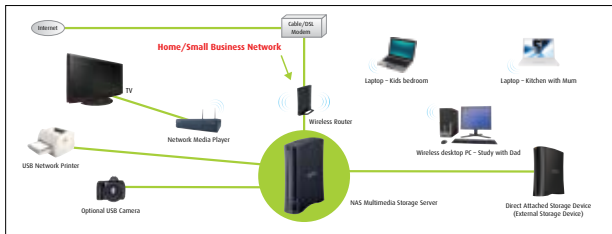


A home network is simply a method for allowing multiple devices such as computers, game consoles and multimedia solutions to communicate and share information e.g. an Internet connection, multimedia files, documents and a printer. The different network types use different hardware, but they all have the same essential components:

- More than one computer
- Consists of hardware, such as a router or software that is either built in to the system or as a separate application, to coordinate the exchange of information

- A Wireless link for the information to follow from one computer to another

Buffalo™ provide a range of products you can use for your home computer networks, whether for use with the family for file sharing, storing and streaming of music and videos, or accessing the Internet, from anywhere in your home or office by connecting with Buffalo™ Wireless range of products.



Buffalo™ in the Office

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If a business has more than one computer it could benefit from networking them together. A local area network (LAN) connects computers, allowing them to share and exchange a variety of information. Here are some of the ways a computer network can help a small business:

File sharing

A network makes it easy to access the same file and prevents people from accidentally creating different versions.

Printer sharing

With a network, several computers can share the same printer.

Communication and collaboration

A network allows employees to share files, view other people's work and exchange ideas more efficiently.

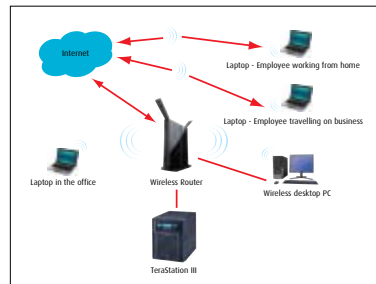
Remote access

With remote access users are able to access the same files, data and messages even when they're not in the office.

Data protection

It's vital to back-up computer data regularly and to store online information in a fail safe system, a networked or RAID device makes this possible.

Buffalo™ have a range of products perfect for the office environment and offer all the benefits and features an enterprise size company would expect, ensuring small and medium sized businesses stay protected, safe and secure.



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EDUCATION

What is Storage and why do we need it?

Storage systems are defined by technology, connectivity and capacity. These are the key elements that need to be considered before choosing the right storage solution.

Direct Attached Storage - Simple and fast

Direct Attached Storage or External Storage is connected directly to your computer. There are three main connectivity technologies available on the market today.

- USB - the most widely available port on computers
- FireWire - more common in the Apple® MAC world and in high-end laptops, available in two variants FireWire 400 (400Mbps) and FireWire 800 (800Mbps)
- eSATA - more widely available in newer computers. It is the first external connection designed specifically for Storage

Network Attached Storage (NAS)

Network Attached Storage (NAS) is the term used to describe a complete storage system which is attached to a business or home network. Within the NAS several hard disk drives can be joined together to give greater capacity and in the event of drive failure, added piece of mind that the data stored is safe and secure. NAS is the better choice if you want to share data with several computers, whether you're at home or you need additional storage for your business. You can simply connect a Network Attached Storage (NAS) device to your network and access it from anywhere, even via the Internet.



Education - Network Attached Storage (NAS)



What is RAID?

RAID is an acronym of “Redundant Array of Independent Disks”. The idea is to combine standard drives into an array which performs better than a single disk and at the same time your computer sees it as a standalone drive. This technology can be used in different ways to achieve different results called RAID Levels/Modes.

Why would you need RAID?

- For “Speed and Capacity”
- If you need “Maximum Redundancy”
- If you require an “Increase in Capacity” with simple redundancy
- For a perfect combination of speed and security

RAID Levels/Modes

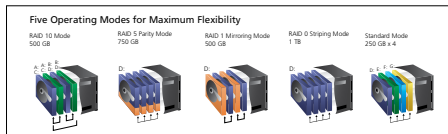
Standard Mode - The controller treats each drive as a stand-alone disk, therefore each drive is an independent logical drive with its own drive letter. Standard Mode does not provide data redundancy. It is not a RAID in the sense of the meaning. Nevertheless it is among the RAID levels because the RAID controller manages it.

RAID 0 – or striping mode is used to achieve higher storage capacities with maximum speed. The data is split among several disks that are written at the same time. So for example 2 drives of 250GB capacity in RAID 0 are faster than a single 500GB drive.

RAID 1 - or mirroring mode is used to make an exact copy of data on each disk in the array. In this mode the capacity is half the capacity of all the hard drives within the array.

RAID 5 - or parity mode distributes data across multiple disks making the system fail proof. In this configuration the total capacity of the system is $(N-1) \times \text{GB}$ where “N” is the number of disks you have in the array, so for example four disks of 250GB capacity provides 750GB of total usable storage. In some more advanced systems it is possible to combine different RAID modes together.

RAID 10 – best used for speed and redundancy. It is a combination of Mode 0 and Mode 1 and gives the read/write speed of RAID 0 and the redundancy of RAID 1.



Education - Storage Technologies

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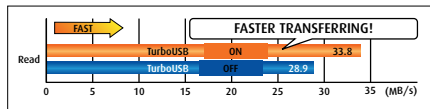
What is WebAccess?

Buffalo™ unique WebAccess feature allows users to instantly share and access their pictures, music or other files with friends and family via any Web browser. WebAccess is also available on all mobile devices with a web browser including the Apple® iPhone™.



What is TurboUSB?

Buffalo™ TurboUSB uses accelerated Input/Output technology to achieve a much faster data throughput on our USB 2.0 external Hard Drive range of products. This technology is fully Plug-n-Play and compatible with Windows and Mac environments.



What is SecureLockWare™?

Buffalo™ Secure Lock Ware™ is a free software security tool which offers a range of security options to encrypt your confidential data. Secure Lock Ware™ offers two security options:

- Drive encryption: Encrypt your entire storage media with Secure Lock Ware™. All data on the device is secured and impossible to access.
- File/Folder encryption: Encrypt individual files or folders.



What is Memeo® Backup Software?

Memeo® Backup software for PC & Mac is available on Buffalo™ Network Attached Storage and External Hard Drives. The software will back-up any new or changed file instantly and automatically such as music, photos, presentations etc, while providing the ability to manage and preserve those files for additional data security.



What is Apple® Bonjour®?

Apple® Bonjour® enables the automatic discovery of computers, devices and services on a network. Currently it is used by Mac OS X to find printers, storage devices and file sharing servers, stored on a network.



What is BitTorrent™?

BitTorrent™ is a protocol or a set of rules and descriptions of how to do things, which allow you to download files quickly by allowing people downloading the file to upload or distribute parts of it at the same time.



What is Blu-Ray™?

Blu-ray Disc (also known as Blu-ray or BD) is an optical disc storage format to supersede the standard DVD format. Its main uses are for storing games, high-definition video and data storage with up to 25GB on a single-layer disc and 50GB on a dual-layer disc. The disc has the same physical dimensions as standard DVDs and CDs.



What is DLNA?

DLNA (Digital Living Network Alliance) allows many different devices, regardless of brand, to "talk" to one another so everyone in your home can share a common pool of files. No more plugging, copying, searching and importing just to print a photo from your mobile phone. DLNA is for anyone who wishes it were easier to share multimedia files around the home. Buffalo™ NAS products include a DLNA media server.



Schedule Power Management System

Buffalo™ Technology is mindful of the importance of being green by developing products that are energy efficient. For flexible power management and to reduce CO₂ emissions, each Buffalo™ product is equipped with the Power Management System which automatically turns on and shuts down with your PC, helping you to do "your bit" for the environment.

**What is AOSS™?**

Buffalo™ AirStation One-Touch Secure System™ (AOSS™) makes setting up a secure Wireless network as easy as pushing a button. All Buffalo™ routers and adapters have this feature built-in. With AOSS, users can set-up the securest Wireless network, easily and quickly.

**What is High Power?**

The Buffalo™ High Power Technology extends the range of standard 802.11g Wireless networks by up to 70% and improves overall performance by up to 50%.

**What is Nfiniti™?**

With 4 times more range and 12 times faster than standard 802.11g, Buffalo™ Nfiniti™ products ensure you receive the ultimate network coverage possible, allowing you to stay connected to the Internet throughout the home or office. Enjoy everything from watching High Definition videos, listening to music, playing online games and sharing files, all at the same time.

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BUSINESS NETWORK ATTACHED STORAGE

Business Network Attached Storage (NAS)



The Buffalo™ TeraStation™ family are larger capacity Network Attached Storage products with RAID capability. If a drive fails, the Hot Swap functionality on the TeraStation™ automatically powers down the faulty drive, enabling you to safely remove and replace without losing any data, or down time. The Real Time Replication function allows the connection of a second TeraStation™ via LAN port and replicates the data to improve reliability, fault tolerance or accessibility. The perfect solution for the home office or small to medium business that needs large, easy-to-deploy, easy-to-manage, redundant network attached storage.

	TeraStation™ Duo 	TeraStation™ III 	TeraStation™ III Rackmount 
Number of Drives	2	4	4
Capacity	1TB, 2TB, 3TB & 4TB	2TB, 4TB, 6TB & 8TB	2TB, 4TB, 6TB, 8TB
USB Ports	2	2	2
LAN Ports	2	2	2
Supported RAID Levels	0, 1 & Standard	0, 1, 5, 10 & Standard	0, 1, 5, 10 & Standard
Active Directory	✓	✓	✓
Drive Interface	SATA	SATA	SATA
Hot Swap	✓	✓	✓
Back-up Replication	✓	✓	✓
WebAccess	✓	✓	✓
DLNA™ Media Server	✓	✓	✓
Memio® Backup Software	✓	✓	✓
BitTorrent™	✓	✓	✓
Apple® Time Machine®	✓	✓	✓
Power Management System	✓	✓	✓
Operating System Support	Win® 2000/XP/Vista, Win® Server 2003/2008, Win® MCE 2004/5, Mac OS 10.3.9 or higher		
Warranty Support	3 Years	3 Years	3 Years
Product Code	TS-WX1.0TL, TS-WX2.0TL, TS-WX3.0TL, TS-WX4.0TL	TS-X2.0TL, TS-X4.0TL, TS-X6.0TL, TS-X8.0TL	TS-RX2.0TL, TS-RX4.0TL, TS-RX6.0TL, TS-RX8.0TL

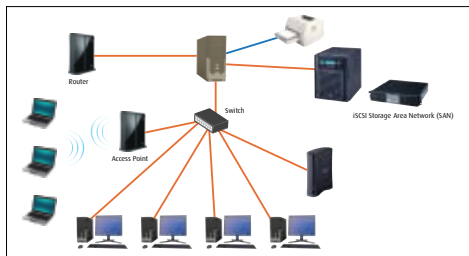
iSCSI Storage

What is iSCSI?

Unlike Network Attached Storage, iSCSI is not placed within the Local Area Network (LAN). An iSCSI device is attached directly to a server via an Ethernet Card within the server or via an Ethernet switch, creating a Storage Area Network (SAN). iSCSI allows the centralisation of storage without the expense normally associated with fibre channel SANs or HBA controllers. Unlike a NAS device, users on the LAN cannot view the iSCSI device and any available storage is seen as an additional drive within the server.

Why iSCSI?



iSCSI allows for the seamless integration of new storage into any servers operating system, there is no need for any additional setup or configuration – such as Access Control Lists (ACL) centralised user access management. iSCSI gives the ability to have a greater amount of storage capacities with no limitation to the size, therefore there is no need to stop and open the server to add more HDD – iSCSI adds additional external capacity. It is also easy to scale with existing iSCSI storage solutions, simply expand by adding more iSCSI devices (targets). No need for additional expensive server HDD, use the existing server and hardware. Attach the iSCSI device into an already existing LAN to enhance the server capacity.



Buffalo™ iSCSI Storage



Buffalo™ TeraStation™ iSCSI is a storage solution targeted at the SMB. This affordable storage system uses the existing Ethernet infrastructure to communicate SCSI storage commands over the network. The TeraStation™ iSCSI is the ideal solution to back-up your servers more efficiently, consolidate your existing storage systems and increase redundancy and data security.

	TeraStation™ Pro II iSCSI Desktop 	TeraStation™ Pro II iSCSI Rackmount 
Number of Drives	4	4
Capacity	2TB & 4TB	2TB, 4TB, 6TB & 8TB
LAN Ports	1	1
Supported RAID Levels	0, 1, 5, 10 & Standard	0, 1, 5, 10 & Standard
Drive Interface	SATA	SATA
Quick Swap	✓	✓
Chassis Design	Desktop	2U, 19" Rackmount
Memo® Backup Software	✓	✓
Operating System Support	Win® Server 2000/2003/2008/, Win® XP/Vista	
Warranty Support	2 Years	2 Years
Product Code	TS-I2.0TGL, TS-I4.0TGL	TS-R12.0TGL, TS-R14.0TGL, TS-R16.0TGL, TS-R18.0TGL



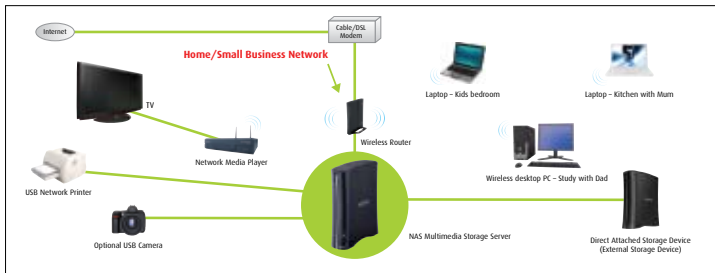
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NETWORK ATTACHED STORAGE FOR THE HOME

Why Network Attached Storage in the Home?



- When you have the need to **share data files across multiple PC's** – a NAS device is the perfect solution.
- NAS gives you the ability to **expand your shared storage space**. Simply add an external storage device, via the USB port, to the NAS device.
- Peace of Mind – NAS devices often contain more than one hard disk drive, often arranged into logical, redundant storage containers or RAID arrays for added redundancy/security – thus **protecting data in the case of disk failure** and subsequent data loss.
- Cost benefits – NAS devices offer an **affordable solution for homes and small businesses** that require more storage space.
- Convenience – NAS offers a **simple** solution for **sharing photos, data files, music or videos** stored in one central location, accessible to anyone on the secure network, via PC/laptop.
- Access your data anywhere – With the **WebAccess feature** you have the freedom **to access your data from anywhere via an Internet portal**. Download and view movies whilst on the move. You no longer need to carry your digital world with you.
- Secure Data – Schedule regular back-ups to ensure you **never lose your data** with the Memeo® backup software, included with all Buffalo™ Network Attached Storage products.





Network Attached Storage for the Home

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The LinkStation™ Multimedia shared network products are for the home that requires a central location to share data files, photos, video and music. In addition to the storage capabilities, they can stream multimedia to a PC, a Mac, a Buffalo™ LinkTheater™ and other DLNA CERTIFIED™ media players. The LinkStation™ family seamlessly integrates with iTunes® 7 and allows access to music files from your iTunes® software. Available with single, dual and quad drives and capacities that range from 500GB to 8TB, Save & share your digital life from one place, with the Buffalo™ LinkStation™ range.

Network Attached Storage for the Professional Multimedia Home User

	LinkStation™ Pro	LinkStation™ Pro Duo
		
Number of Drives	1	2
Capacity	1TB, 1.5TB & 2TB	1TB & 2TB
USB Ports	1	1
LAN Ports	1	1
Supported RAID Levels	x	0, 1 & Standard
Active Directory	✓	✓
Drive Interface	SATA	SATA
WebAccess	✓	✓
DLNA™ Media Server	✓	✓
Memo® Backup Software	✓	✓
BitTorrent™	✓	✓
Apple® Time Machine®	✓	x
iTunes® Integration	✓	✓
Power Management System	✓	✓
Operating System Support	Win® 2000/XP/Vista, Win® Server 2003/2008, Mac OS 10.3.9 or higher	
Warranty Support	2 Years	
Product Code	LS-XH1.0TL, LS-XH1.5TL, LS-XH2.0TL	LS-W1.0TGL, LS-W2.0TGL

Network Attached Storage for the Home

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	LinkStation™ Live 	LinkStation™ Mini 	LinkStation™ Mini SSD 	LinkStation™ Quad 
Number of Drives	1	2	2	4
Capacity	500GB, 1TB, 1.5TB & 2TB	500GB & 1TB	240GB	2TB, 4TB, 6TB & 8TB
USB Ports	1	1	1	2
LAN Ports	1	1	1	1
Supported RAID Levels	x	0, 1 & Standard	0, 1 & Standard	0, 1, 5, 10 & Standard
Active Directory	x	✓	✓	✓
Drive Interface	SATA	SATA	SATA	SATA
WebAccess	✓	✓	✓	✓
DLNA™ Media Server	✓	✓	✓	✓
Memo® Backup Software	✓	✓	✓	✓
BitTorrent™	✓	x	x	✓
Apple® Time Machine®	✓	✓	✓	✓
Apple® Bonjour®	x	✓	✓	✓
iTunes® Integration	✓	✓	✓	✓
Power Management System	✓	✓	✓	✓
Operating System Support	Win® 2000/XP/Vista, Win® Server 2003/2008, Mac OS 10.3.9 or higher			
Warranty Support	2 Years	2 Years	2 Years	2 Years
Chassis Colour	Black	Black & White	Black	Black
Product Code	LS-CH500L, LS-CH1.0TL, LS-CH1.5TL, LS-CH2.0TL	Black: LS-WS500GL, LS-WS1.0GL White: LS-WS500GL/R1WH, LS-WS1.0GL/R1WH	LS-WSS240GL	LS-Q2.0TL, LS-Q4.0TL, LS-Q6.0TL, LS-Q8.0TL

BUFFALO

EXTERNAL STORAGE



External Storage Solutions



DriveStation™ is a family of desktop external hard drives that offers high performance, easy-to-use storage. The DriveStation™ is available in single drive and multiple drive configurations with industry standard USB 2.0.







Single Drive, Single Interface External Storage

	DriveStation™ TurboUSB 	DriveStation™ w/Hardware Encryption 	DriveStation™ JustStore 
Number of Drives	1	1	1
Capacity	500GB, 1TB, 1.5TB, 2TB	500GB, 1TB, 1.5TB, 2TB	500GB, 1TB
USB Ports	1	1	1
Drive Interface	SATA	SATA	SATA
SecureLockWare™	✓	✓	✗
TurboUSB™	✓	✓	✗
Memo® Backup Software	✓	✓	✗
Power Management System	✓	✓	✗
Operating System Support	Win® 2000/XP/Vista™/Server 2003, Mac OS 10.2.7 or later	Win® 2000/XP/Vista™/Mac OS 10.4 or later	Win® 2000/XP/Vista™/Server 2003, Mac OS 10.2.7 or later
Warranty Support	2 Years	2 Years	2 Years
Chassis Design	Desktop	Desktop	Desktop
Product Code	HD-CE500U2 HD-CE1.0TU2 HD-CE1.5TU2 HD-CE2.0TU2	HD-CX500TU2 HD-CX1.0TU2 HD-CX1.5TU2 HD-CX2.0TU2	HD-E500U2-EU HD-E1.0TU2-UK HD-E500U2-EU HD-E1.0TU2-UK

Multi Connectivity - External Storage Solutions



Buffalo™ DriveStation™ Multi Connectivity Direct Attached Storage products give you the choice of interface when storing and backing up your vital data. Choose between USB, Firewire or eSATA.

	DriveStation™ 2Share 	DriveStation™ Combo 	DriveStation™ Combo4 	DriveStation™ Duo 	DriveStation™ Quattro (Desktop) 	DriveStation™ Quattro (Rackmount) 
Number of Drives	1	1	1	2	4	4
Capacity	500GB, 1TB	500GB, 1TB	1.0TB, 1.5TB	1TB & 2TB	2TB & 4TB	1TB, 2TB & 4TB
Ports	1 USB, 1 RJ45	1 USB, 1 FireWire 800, 1 FireWire 400	1 USB, 1 FireWire 400, 2 FireWire 800, 1 eSATA	1 USB, 1 Firewire	1 USB, 1 eSATA	1 USB, 1 eSATA
Supported RAID Levels	x	x	x	0, 1 & Standard	0, 1, 5, & Standard	0, 1, 5, & Standard
Drive Interface	SATA	SATA	SATA	SATA	SATA	SATA
SecureLockWare™	✓	✓	✓	✓	✓	✓
TurboUSB™	✓	✓	✓	x	✓	✓
Memo® Backup Software	✓	✓	✓	✓	✓	✓
Power Management System	✓	✓	✓	✓	✓	✓
Operating System Support	Win® 2000/XP/ Vista™	Win® 2000/XP/Vista, Win® Server 2003/2008, Mac OS 10.3.9 or higher				
Warranty Support	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years
Chassis Design	Desktop	Desktop	Desktop	Desktop	Desktop	19" 2U Rackmount
Product Code	HD-CE500LU2 HD-CE1.0TLU2	HD-CE500IU2 HD-CE1.0TIU2	HD-HS1.0TQ HD-HS1.5TQ	HD-W1.0TIU2 HD-W2.0TIU2	HD-QS2.0TSU2 HD-QS4.0TSU2	HD-RQS1.0TSU2 HD-RQS2.0TSU2 HD-RQS4.0TSU2

Optical Storage

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Optical Storage is a form of storage that reads data from a disk using a laser. Most optical disk drives can read or write data in one or more of the following formats: CD Audio, CD-ROM, CD-R, CD-RW, DVD, DVD-R, DVD-RW, Blu-Ray™. Blu-ray™ is the ideal solution for users storing, editing or watching High Definition content or writing large or small amounts of data to an optical drive.

	Portable DVD Drive	Blu-Ray External Drive
		
Number of Drives	1	1
Ports	1 USB	1 USB, 1 eSATA
Read/Write Speeds	8x DVD±R Write 24x CD-R/RW Write	2x BD-RE Write 8x BD-R Write 16x DVD±R Write 48x CD±R Write
Software Included	Cyberlink Power Suite	Cyberlink Power Suite
Power Management System	✓	x
Operating System Support	Win® Vista™, Win® XP (SP2 or later) & Win® Media Center 2005	Win® Vista™, Win® XP SP2
Warranty Support	2 Years	2 Years
Chassis Colour	Black & White	Black
Product Code	Black: DVSM-PN58U2VB White: DVSM-PN58U2VW	BR-816SU2

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PORTABLE STORAGE

Portable Storage

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The Buffalo™ MiniStation™ is a compact USB 2.0 hard drive family designed to be reliable and give a high performance. The ideal product for people who need a portable, stylish storage and back-up solution.

The Buffalo™ MicroStation™ Portable Silicon Disk (SSD) offers a portable storage solution with the latest technology. It is half the size of traditional portable storage devices and capable of storing up to 100GB of data. The SSD technology allows for lower power consumption which prolongs the life of your laptop battery. The compact shock resistant shaped body and a wrap around cable, means the device is ultra portable with the added advantage of minimising the risk of accidental damage from unintended drops or shocks.

	MiniStation™ Lite	MiniStation™ w/Hardware Encryption	MiniStation™ Pro	MicroStation™ SSD
				
Capacity	250GB, 320GB, 500GB	250GB, 320GB, 500GB	160GB, 320GB	64GB, 100GB
Connector Type	USB	USB	USB	USB
Drive Interface	SATA	SATA	SATA	SATA
SecureLockWare™	✓	✓	✓	✓
TurboUSB™	✓	✓	x	✓
Memo® Backup Software	✓	✓	x	✓
Operating System Support	Win® 2000/XP/Vista™ Mac OS 10.4 or later	Win® 2000/XP/Vista™ Mac OS 10.4 or later	Win® 2000/XP/Vista™/Server 2003, Mac OS 10.2.7 or later	Win® 2000/XP/Vista™/Server 2003, Mac OS 10.2.7 or later
Warranty Support	2 Years	2 Years	2 Years	2 Years
Chassis Colour	Red, Black & White	Red, Black & White	Black	Silver
Product Code	HD-PE250U2, HD-PE320U2, HD-PE500U2	HD-PX250U2, HD-PX320U2, HD-PX500U2	HDS-PH160U2, HDS-PH320U2	SHD-UHR64GS, SHD-UHR100GS

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WIRELESS



What is Wireless?



Wireless Local Area Network (WLAN) is a Wireless alternative to a computer Local Area Network (LAN) that uses radio instead of wires to transmit data back and forth between computers in a small area such as a home or office. WLAN's are governed by a set of communication standards, implemented by the IEEE Standards Committee. 802.11 was the first WLAN standard and supported bandwidth of 2Mbps, too slow for today's applications. Three standards exist today, 802.11n, 802.11g and 802.11a.

Wireless-n – is a draft standard and the newest standard for WLAN products. Backward compatible with Wireless-g products, Wireless-n offers a better range and supports data rates of over 100Mbps.

Wireless-g or 802.11g supports a bandwidth of up to 54Mbps and uses the 2.4GHz frequency for a greater Wireless range.

Wireless-a or 802.11a supports a bandwidth of up to 54Mbps and transmits radio signals in the frequency range above 5GHz.

Wireless-N & Wireless G

BUFFALO


Wireless-N Nfiniti™ offers great performance and range at an affordable price. Based on the draft 2.0 IEEE 802.11n specification, Nfiniti products use the latest Wireless technology and are recommended for transferring large files, playing games, or streaming multimedia files.

Wireless-G products offer basic Wireless networking at 802.11g speeds. The original 802.11g standard allows data speeds of up to 54Mbps.

	Nfiniti™ Dual Band Gigabit Broadband Router & Access Point	Nfiniti™ Gigabit Broadband Router & Access Point	Nfiniti™ High Power Gigabit Broadband Router & Access Point	Nfiniti™ Broadband Router & Access Point	N-Technology High Power ADSL 2+ Modem Router (Annex A only)	Nfiniti™ Broadband Modem Router (Annex A Only)	AirStation™ High Power Router with exclusive DDWRT Firmware
							
Max Speed	300Mbps	300Mbps	300Mbps	300Mbps	150Mbps	270Mbps	54Mbps
801.11a	✓	✓	✓	✓	✓	✓	✓
802.11b	✓	✓	✓	✓	✓	✓	✓
802.11g	✓	✓	✓	✓	✓	✓	✓
802.11n draft 2.0	✓	✓	✓	✓	x	✓	x
AOSS	✓	✓	✓	✓	✓	✓	x
Modem	x	x	x	x	✓ ADSL2+	✓ - ADSL/ADSL2 & ADSL2+ Compliance	x
No of Lan Ports	4 x RJ45 Gigabit 10/100/1000Mbps	4 x RJ45 Gigabit 10/100/1000Mbps	4 x RJ45 Gigabit 10/100/1000Mbps LAN, 1 x RJ45 WAN	4 x RJ45 10/100Mbps, 1 x RJ45 WAN	4 x RJ45 10/100Mbps, 1 x RJ11 WAN	4 x RJ45 10/100Mbps, 1 x RJ11 WAN	4 x RJ45 10/100Mbps
USB Ports	x	x	1 NAS / Printer Function	x	x	x	x
Product Code	WZR-AG300NH	WZR-AGL300NH	WZR-HP-G300NH	WHR-G300N	WBMR-HP-GN	WBMR-G300N	WHR-HP-G54DD
Security	WPA2, WPA-PSK (TKIP, AES), 128/64bit WEP, MAC Address Filter					16/128-bit WEP, WPA, MAC Address ACL	WPA2, WPA-PSK (TKIP, AES), 128/64bit WEP, MAC Address Filter

Wireless-N & Wireless G



	Nfiniti™ Dual Band Gigabit Broadband Router & Access Point	Nfiniti™ Gigabit Broadband Router & Access Point	Nfiniti™ High Power Gigabit Broadband Router & Access Point	Nfiniti™ Broadband Router & Access Point	N-Technology High Power ADSL 2+ Modem Router (Annex A only)	Nfiniti™ Broadband Modem Router (Annex A Only)	AirStation™ High Power Router with exclusive DDWRT Firmware
							
Product Code	WZR-AG300NH	WZR-AGL300NH	WZR-HP-G300NH	WHR-G300N	WBMR-HP-GN	WBMR-G300N	WHR-HP-G54DD
Warranty Support	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years
BitTorrent™	X	X	✓	X	X	X	X
WebAccess	X	X	✓	X	X	X	X
Client & Ethernet Converter	WLI-UC-AG300N USB 2.0 Adapter	WLI-UC-AG300N USB 2.0 Adapter	WLI-UC-G300HP High Power USB 2.0 Adapter	WLI-UC-G300N USB 2.0 Adapter	-	WLI-UC-G300N USB 2.0 Adapter	WLI-U2-SG54HP USB 2.0 Adapter w/ High Gain adapter
	WLI-CB-AG300N A&G Laptop Adapter	WLI-CB-AG300N A&G Laptop Adapter		WLI2-CB-G300N Laptop Adapter	-	WLI2-CB-G300N Laptop Adapter	WLI-TX4-G54HP Ethernet Converter
	WLI-UC-GN Ultra Compact USB Adapter	WLI-UC-GN Ultra Compact USB Adapter	WLI-UC-GN Ultra Compact USB Adapter	WLI-UC-GN Ultra Compact USB Adapter	WLI-UC-GN Ultra Compact USB Adapter	WLI-UC-GN Ultra Compact USB Adapter	WLI-UC-G USB Adapter
	WLI-TX4-AG300N Ethernet Converter	WLI-TX4-AG300N Ethernet Converter	WLI-TX4-AG300N Ethernet Converter				WLI2-PCI-G54S PCI Adapter

Wireless-n Dual Band Ethernet Converter - WLI-TX4-AG300N






The extremely versatile Buffalo™ Wireless Ethernet Converter offers a Wireless solution for all wired network home entertainment devices in your home. Up to four wired devices can be converted to Wireless devices, enabling you to access them anywhere in the home.

Wireless Accessories



Buffalo™ Wireless accessory devices and add-ons help to improve your Wireless experience. Includes complimentary Wireless products such as antennas, cables, wall mount kits and Power Over Ethernet solutions.

Wireless Antennas

	AirStation™ 14 dBi Pro 2.4GHz Outdoor Directional Antenna	AirStation™ 7dBi Outdoor Omni Antenna	AirStation™ High Gain Omni-Directional Antenna - White	AirStation™ 6.5dBi High Gain Indoor Omni-Directional Antenna	AirStation™ 5.4dBi Compact Directional Antenna
					
Product Code	WLE-HG-DYG	WLE-HG-NDC	WLE-AT-NDRHW	WLE-HG-NDR	WLE-MYG

Wireless Accessories

	AirStation™ Coaxial Antenna Cable	AirStation™ Pigtail Adapter for Outdoor Antenna	AirStation™ Option Antenna connector for WHR Series	AirStation™ Mounting Bracket for Outdoor Antenna	AirStation™ Power over Ethernet Supply
					
Product Code	WLE-CC10 – 10m WLE-CC20 – 20m WLE-CC30 – 30m	WLE-LNC	WLE-RMC	WLE-KG-VPA WLE-KG-VPB	WLE-POE-S

The image features a warm, orange-toned background. On the right side, there is a circular, textured element resembling a speaker grille or a woven mesh. The Buffalo logo is positioned in the upper right corner of this textured area.

BUFFALO

MULTIMEDIA SOLUTIONS

Multimedia Solutions

BUFFALO

The Buffalo™ LinkTheater™ product line allows you to take advantage of your television and home cinema to enhance your digital lifestyle. Watch movies, listen to music, and view your photos - all of your digital media - on your standard television or HDTV!

	LinkTheater™ High Definition Wired Digital Media Player	LinkTheater™ High Definition Wireless Digital Media Player
		
HD Video Output	720p & 1080i	720p & 1080i
LAN Ports	1 x 10/100Mbps	1 x 10/100Mbps
USB Ports	2 x USB Type A	2 x USB Type A
Audio Ports	Stereo Audio, Optical Audio	Stereo Audio, Optical Audio
Video Ports	HDMI, D4, Composite, SCART (Adapter)	HDMI, D4, Composite, SCART (Adapter)
DLNA Media Server	Yes	Yes
Compatible Multimedia Formats		
Video Formats	MPEG2, MPEG4 (Low-Res), WMV, H.264, x264	MPEG2, MPEG4 (Low-Res), WMV, H.264, x264
Video Modes	PAL, 576p, 720p, 1080i	PAL, 576p, 720p, 1080i
Audio Formats	AAC-LC, AAC-HE, MP3, WAV, WMA, Dolby® Digital (AC-3)	AAC-LC, AAC-HE, MP3, WAV, WMA, Dolby® Digital (AC-3)
Image Formats	JPG, BMP®, PNG, GIF	JPG, BMP®, PNG, GIF
Support File Types		
Video	mpg, mpeg, vob, mp4, wmv, asf, avi, m2t, m2ts, mts, m4v, mkv	mpg, mpeg, vob, mp4, wmv, asf, avi, m2t, m2ts, mts, m4v, mkv
Audio	wav, mp3, wma, m4a	wav, mp3, wma, m4a
Image	jpg, jpeg, png, bmp, gif	jpg, jpeg, png, bmp, gif
Product Code	LT-H90LAN	LT-H90WN





Environmental Position

BUFFALO

Buffalo™ Technology recognises that maintaining a healthy environment is vital for a healthy life and sustainable growth for future generations. Buffalo™ Technology is committed to complying with environmental standards and is proactive in dealing with concerns for the environment. These goals are being achieved by combining technological innovation with sound environmental business decisions at every step of a product's life cycle. Efforts will focus on reducing environmental damage by complying with all applicable regulations.

Buffalo™ Technology is compliant with the following EU directives:

RoHS Directive (2002/95/EC)

The RoHS Directive refers to the restriction of the use of certain hazardous substances in electrical and electronic equipment. This Directive bans the placing on the EU market of new electrical and electronic equipment containing these materials. All products shipped from Buffalo™ European distribution centres are compliant with the European RoHS Directive as of July 1, 2006.

WEEE Directive (2002/96/EC)

The Waste Electrical and Electronic Equipment Directive (WEEE) applies to companies that manufacture, sell, distribute, recycle or treat electrical or electronic equipment (EEE), and to consumers within the European Union. The objective of the directive is to prevent waste of electrical and electronic equipment (WEEE) and to promote the reuse, recycling and recovery of

such wastes. Buffalo™ Technology is committed to working with suppliers, distributors, partners and customers to ensure compliance with the WEEE Directive.

REACH Directive (EC 1907/2006)

REACH is a European Union regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals. REACH addresses the production and use of chemical substances, and their potential impacts on both human health and the environment. REACH places greater responsibility on industry to manage these risks. A full list of REACH compliant products is available on our website.

Packaging and Packaging Waste Directive (94/62/EC)

The Packaging and Packaging Waste Directive aims to harmonise national measures in order to prevent or reduce the impact of packaging and packaging waste on the environment. It contains provisions on the prevention of packaging waste, on the re-use of packaging and on the recovery and recycling of packaging waste. Buffalo™ Technology has joined the Green Dot program, which was established to organise the collection, sorting, and recycling of used sales packaging. Green Dot is currently the standard take-back program in 21 European countries.

For more information on our environmental position, please visit <http://www.buffalo-technology.com/support/environmental-position/>



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France	0811 650220
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Ireland	1890 719901
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Netherlands	0900 0401256
Norway	810 00050
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For the opening times by country, please visit www.buffalo-technology.com/contact



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