

# R2080 NAS

## Network Attached Storage Family

- ▶ **Cost Effective Network Attached Storage**
- ▶ **MS Windows Storage Server Technology**
- ▶ **Shadow Copy and Data Replication Support**
- ▶ **Dual Gigabit Ethernet**
- ▶ **Simple and Easy to Manage**
- ▶ **Fast Serial ATA (S-ATA) Hard Drive**



### *High Performance, Cost Effective, Network Attached Storage*

- ▶ **Based on Windows Storage Server – All The Benefits** of Microsoft's developments in Storage Server, close integration with your Windows (and many other\*) Server Network and Easy to Use Familiar API's. (\*Including Windows, UNIX, Novell and Macintosh Platforms through its broad base support for other networking protocols)
- ▶ **Fast Data Recovery** - Restore deleted or corrupted files in minutes using Shadow Copy of shared folders, instead of hours it takes from tapes. Store up to 64 snapshots (point in time copies) per volume. You can set-up and schedule time stamped shadow copies to happen automatically, every few hours, or daily as best meets your needs.
- ▶ **Easy to Set-up and Manage:** Enhanced Web based user interface for simple efficient management of the NAS device. Administrators will find remotely managing NAS systems using Windows Storage Servers Web User Interface very quick and easy, enabling set-up of NAS devices in just a few short steps.

### Hardware Features

- ▶ **Compact Enclosure:** Rugged 2U Rack Mount Enclosure
- ▶ **Hot Swap Disks:** 8 x Hot Swap S-ATA Drive Bays
- ▶ **Redundant Power:** Dual Hot Swap Power Supplies
- ▶ **Reliable Cooling:** Redundant Fans with Alarm Monitoring for Fan Speed and Temperature
- ▶ **Fast RAID Storage:** High Performance Hardware RAID with 8 x S-ATA 150MB/S Channels
- ▶ **High Speed LAN:** 2 x 1Gb Ethernet Interfaces as Standard (expandable to 4)
- ▶ **Secure Data:** Each unit provides 1.75TB (useable) in RAID 5 (with 8 x 250GB HDD)

## Network Attached Storage Family

Each NAS unit provides approximately 1.75TBytes of useable storage space in RAID 5, with a hot spare (with 8 x 250GB S-ATA hard disk drives fitted in the 8 x hot swap user bays). RAID specific high reliability S-ATA disk drives of 250GB, 300GB, 400GB and 500GB are available.

### Specification

- Hard Drive Interface                    8 x 150MB/S S-ATA Channels, Hot Swap Carriers
- RAID Controller                         8 Channel S-ATA Hardware RAID Controller  
Supports RAID 0, 1, 5, 10 and Hot Spare Drive  
Option for RAID 6 support
- IP Engine                                 2.6GHz+ CPU with 1GB Memory  
Dual Gigabit Interfaces, RJ45 Connectors  
Configurable for fail over or trunking  
64 Bit PCI-X Bus  
Microsoft Windows Storage Server Operating System
- Operating temperature range        +10 to +35 deg C
- Storage temperature range         0 to +55 deg C
- Humidity                                 10 to 85% non-condensing
- Cooling                                 Four Integrated Replaceable Redundant Fan Modules
- System Monitor                         Disk and RAID Fault Monitoring and Remote Alerting
- AC Power Supply                        Dual Hot Swap 300+300W Modules  
Dual Power Cords  
Auto-ranging 105 to 264 Volts AC, 47 to 63Hz  
Power Consumption 250W typical
- Weight                                 17Kg approx with drives fitted
- Dimensions                             2U 19" rack, 483mm wide x 87mm high x 650mm deep
- CE Compliance                         Conforms With EEC Directives on EMC & Safety

## Network Attached Storage Family

### Westek Technology Limited

Unit 1, Lancaster Park Industrial Estate, Bowerhill, Melksham, Wiltshire, SN12 6TT

Telephone: +44 (0) 1225 790600 FAX: +44 (0) 1225 702968

Internet: [www.westekuk.com](http://www.westekuk.com) Email: [sales@westekuk.com](mailto:sales@westekuk.com)

*SPECIFICATION SUBJECT TO CHANGE WITHOUT PRIOR NOTICE*

