

Overview



Hardware:

- SAS Ports or Phys: 8 or 12 SAS Ports running at 1.5 or 3 Gbps
- Auto Link Speed and Auto Topology Negotiation
- Two Port Configurations Options:
 - Narrow Mode: 1 Target Per Phy, 60 LUNs per Target
 - Wide Mode: 1 Target Per Initiator, 60 LUNs per Target

Software Features:

- Port
 - Port Status
 - Display, Clear, Define Interval of Port Statistics
 - Port Configuration
 - Set State, Topology, Speed and number of targets
 - Port statistics and Real time performance
- Target
 - Edit Inquiry Stream
 - Tape Emulation
- LUN
 - Variable Size – Up to 4 TByte
 - 2 Memory configuration options
 - Zero, fixed or variable latency
 - Error Conditions
 - Save/Restore Data files to LUN
 - Seed a Binary or Data File or Pattern to a LUN
 - Possible 60 LUNs per phy
 - Profiles – Use predefined or build drive or tape profiles

Error Capabilities:

- Error Injection:
 - Single or Multiple Errors per command
 - By Number of I/O's
 - By Time
 - Error Conditions on specific LBN or CDB

- Error Conditions:
 - Bad CRC
 - Busy
 - Drop
 - QueueFull
 - CheckCond
 - Read Over/Read Under
 - WriteOver/Write Under
 - ReadDelay, WriteDelay
 - Out of order Data
 - Data Corruption

Enhanced Command Features:

- 6/10/12/16 byte CDB
- CDB Histogram – Logging of command frames
- Persistent Reservations
- Reserve and Release
- User Definable Mode, Diagnostic and Custom Inquiry Pages
- Selectable Queue depth
- Variable Block Size (512 or 520 Byte)

System Features:

- Web Based Interface
 - Quickly and easily set up, run and save multiple “disk” configurations
 - Configure Port, Target and LUN characteristics
 - Generate Errors
 - View Error Counters and Statistics
 - Build, Edit and execute Scripts
 - Online Documentation

- Command Line Interface
 - Run Individual or Looped Commands
 - Build and Execute Scripts
 - Execute Remote Scripts