

**Host Interface**

Two (2) SAS wide port (SFF-8088) with 12Gbps bandwidth  
 Single Controller  
 Concurrent I/O commands  
 Default tagged command queuing: 256

**Disk Interface**

Eight (8) 3.0Gbps SATA-2, hot-swappable drive trays  
 Accommodates 1-inch pitch, 3.5-inch SATA-2 (3Gbps) disk drives  
 S.M.A.R.T. and NCQ support  
 Automatic bad-sector reassignment  
 Dedicated bandwidth to each connected drive  
 Drive buffer on/off switch  
 Dedicated bandwidth to each connected drive

**System Components**

One (1) tower/desktop convertible enclosure (black or silver)  
 One(1) RAID controller module  
 One (1) 256 MB DIMM module (pre-installed module)  
 Two (2) 250W power supply unit  
 Two (2) redundant, dual-speed cooling modules  
 Eight (8), hot-swappable drive trays (black or silver)  
 Optional Li-Ion battery backup unit (BBU), life expectancy/charge level aware

**Management**

Java-based SANWatch software  
 COM1 serial port for local access to firmware-embedded utility, which is platform-independent  
 Automated cache flush and caching mode operation per enclosure status  
 Telnet and SSH system monitoring via Ethernet  
 LCD keypad panel for monitoring and access to all configuration options  
 Module status LED indicators:  
 Component presence detection & thermal sensors via I2C bus

**Power**

Two (2) redundant hot-swappable power supplies with PFC  
 Input: 90 to 264VAC, 47 to 63Hz  
 Output: (250 Watts Max.)  
 + 12.0V 16A max  
 + 5.0V 25A max.  
 + 3.3V 20A max.

**OS Support**

Microsoft Windows 2000 Server/2003 Server  
 Sun Solaris ver. 9/10  
 Red Hat Linux ver. 8/9, 64bit, Enterprise ver. 3  
 SuSE: Linux ver. 8/9, 64bit  
 Fedora 64bit  
 Max OS X Version 10.4  
 Windows XP and Vista

**RAID Functionality**

Global or Dedicated hot-spare  
 RAID levels supported: RAID 0, 1 (0+1), 3, 5, 6, 10, 30, 50, 60  
 Online expansion by:  
 Adding new drives  
 Copying and replacing drives with drives of larger capacity  
 RAID level migration  
 Configurable stripe size and write policy per array  
 Intelligent drive handling:  
 In degraded mode: skips irreparable blocks to continue rebuild  
 In normal operation: data-block verification and repair

**Dimensions/Weight**

5.4"W x 14.2"H" x 12.8"D  
 Weight: 25lbs



**Black Magic Disk Speed Test**

Blackmagic Disk Speed Test

Disk to Test: RAID [Run Test]

Disk Read Speed Results			Disk Write Speed Results		
Disk Read Data Rate in MB/s			Disk Write Data Rate in MB/s		
418.9			259.3		
8 Bit YUV 4:2:2 Frame Rates					
	Disk Read	Disk Write			
HDTV 1080 fps	105	65			
HDTV 720 fps	238	147			
NTSC fps	627	388			
PAL fps	529	327			
10 Bit YUV 4:2:2 Frame Rates					
	Disk Read	Disk Write			
HDTV 1080 fps	79	49			
HDTV 720 fps	178	110			
NTSC fps	470	291			
PAL fps	397	245			
10 Bit RGB 4:4:4 Frame Rates					
	Disk Read	Disk Write			
HDTV 1080 fps	52	32			
HDTV 720 fps	119	73			
NTSC fps	313	194			
PAL fps	264	163			
12 Bit RGB 4:4:4 Frame Rates					
	Disk Read	Disk Write			
HDTV 1080 fps	46	28			
HDTV 720 fps	104	64			
NTSC fps	274	169			
PAL fps	231	143			

**This product is available with:  
STORAGEWATCH®**

All Maverick II systems are StorageWatch® capable allowing users to reduce both infrastructure TCO and organizational operating costs associated with today's business of data assets and intelligence ensuring long term organizational growth.