

RAIDFLEX™ 7000i Series iSCSI RAID



The **RAIDFLEX™ 7000i** Series RAID systems are designed for users who are looking to reduce their Total Cost of Ownership by using storage arrays which are capable of connecting directly to their existing Gigabit Ethernet infrastructure.

These systems provides advanced protection, snapshot technology, Windows VSS and features a dedicated / shared cache allocation option. Innovative RAID levels enable advanced data protection while delivering powerful hardware engines, highly scalable expansion options, and a user-friendly management interface makes it an ideal choice for a fault tolerance, performance driven solution.

The compact 2U 12-bay and 3U-16 bay chassis feature modularised hot-swappable power supplies and fans, situated at the rear of the enclosure to facilitate easy removal.

Applications

- Relational database
- Video on demand
- Transactional processing
- Broadcast applications
- E-mail and SQL servers
- Medical imaging

Features

- 2U 12-bay and 3U, 16-bay
- SAS/SATA or SATA-II only disks
- 2x or 4x Gigabit Ethernet host ports
- RAID levels 0, 1, 0+1, 3, 5, 6, 10, 30, 50, NRAID and JBOD
- System Management via GUI
- Snapshot, Rollback, Load Balancing
- Online expansion and migration
- SAS systems JBOD expandable



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Expanding Data Storage Solutions

7000i_RAID_datasheet_1003

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RAIDFLEX™ 7000i Series

iSCSI RAID



Specification Overview				
	iSCSI			
Models	SATA-II		SAS	
Designation	DPs2-77212r1-sc	DPs2-77316r1-sc	DPz3-77212r1-sc	DPz3-77316r1-sc
General				
Scalable (up to)	No		120 disks	
Operating Systems	Platform Independent			
Power	100-240V (+/-10%), 47 – 63Hz			
Connections				
Host Channels	2CH Gigabit Ethernet Connection (RJ45)		4CH Gigabit Ethernet Connection (RJ45)	
Ports	1x RS-232 1x UPS 1x RJ45			
Drive Channels	12x SATA-II	16x SATA-II	12 x SAS/SATA-II	16 x SAS/SATA-II
RAID Controller				
No. of Controllers	1 x		1 x	
Processor	Intel i80331 (667Mhz)		Intel IOP342 RISC CPU	
RAID levels	JBOD, 0, 0+1, 1, 3, 5, 6 10, 30, 50, 60 or NRAID			
BBU	optional			
Memory	up to 1GB DDR RAM		up to 2GB DDR RAM	
Data transfer rate	up to 1Gbps		up to 2Gbps	
RAID sets	Max 16			
Data rebuild	Automatic data regeneration			
RAID features	Global/dedicated hot spares, multiple host ID, Multi RAID volume group (VG) and multi-user data volumes (UDV), foreground/background initialization, array roaming			
Remote Backup	Optional			
Snapshot	Yes			
Hot Swap Components				
Drive Trays	12x SATA-II	16x SATA-II	12x SAS	16x SAS
Fan module	2 x Turbo fan			
Power Supplies	2 x 460 W			
Management				
GUI management	Embedded ethernet connection, web-browser based management GUI for configuration and status monitoring			
PathGuard Software	Multiple paths to each device, I/O path failover & fallback, dynamic I/O load balancing			
Monitoring Messaging	LCD, buzzer, email, SNMP			
Physical				
Dimensions (WxDxH) in mm	485mm x 565 mm x 132 mm			
Weight (unpacked, w/o drives)	24 kg			
Environmental				
Temperature	Operating 5°C to 40°C; Non operating -25°C to 60°C			
Relative Humidity	20% to 80%, non-condensing			
Altitude	Operating 0 – 12000ft; Non-operating 0 – 40000ft			
Designed to meet				
Quality standard	ISO9001			
Health and Safety	UL, CUL, CB			
EMC	FCC, CE, C-Tick, BSMI			



DPs2-77316r1-sc



DPz3-77316r1-sc

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