

# Reactive

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Leading the way: Next-generation performance and flexibility.



spec

#### Built in Redundancy

- RAID 0, 1, 3, 5, 6, 10, 50
- Redundant, hot swap components
- AssuredSnap™ - Optional snapshot capability
- AssuredCopy™ - Additional data protection with full volume copies
- Built-in schedule capability

#### Scalability and Performance

- Dual or single RAID controller or JBOD
- Data rates of 4Gb/sec. (Fibre Channel)
- OS Support - Windows, Linux, Solaris
- Modular design protects your investment
- Enterprise-class features and functionality without the enterprise price

#### Environmentally Responsible / Lower TCO

- EcoStor™ - Economically and environmentally sound technologies
  - SimulCache™ - Low latency cache mirroring
  - Battery-free cache backup
  - DC power option
- RoHS-6 and WEEE compliant

The 2722 features a 24-drive hardware RAID storage array housed in a 2 rackunit (2U) enclosure providing dual 4Gb Fibre Channel interfaces per controller to internal 2.5 inch disk and solid state drives. The 2722 is a natural evolution of the world-class Dot Hill 2000 Series product family, adding support for the emerging 2.5 inch enterprise disk technology to deliver higher IOPS performance in a 2U rack size and shorter chassis depth of under 600mm including cable bends. An internal SAS interface will support up to six additional drive enclosures with 3.5" SAS or SATA drives or three additional enclosures with 2.5" SAS or SATA drives. With support for a total of 96 attached drives managed by the Dot Hill R/Evolutionary RAID architecture, the 2722 adapts to a broad range of business and mission-critical applications including databases, business analysis, video streaming and email.

#### Revolutionary connectivity, availability, quality and value

The 2722 uses revolutionary SimulCache™ technology that instantly and simultaneously mirrors cache between RAID controllers, leading to significant performance improvements over traditional implementations. The use of RAID cache batteries has been completely eliminated with the introduction of super capacitors, providing infinite cache backup during a power loss while being environmentally friendly. AssuredSnap™ provides the 2722 with built-in volume snapshot capability allowing point-in-time copies that can be used to maximize business continuity. AssuredCopy™ creates a full volume copy (vs. a logical volume copy with AssuredSnap) providing additional protection against vdisk failure and eliminating application I/O contention when accessing the same data blocks.

#### Storage made easy

The 2722 is easy to configure and manage with improved RAIDar 2.0, the intuitive Web Based Interface (WBI) which provides storage setup and monitoring without the need for host based software.

# 2722 FC

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# 5730 Specifications

## GENERAL

Product Family	5000 Series
Product Type	RAID, JBOD
Chassis Configuration	2U
Disk Architecture	3Gb SAS/3Gb SATA-II
Max Drives per Chassis	12 drives
Total Capacity	12TB/108TB (with expansion trays)
Total Disks	108
Mounting Options	19" Rack, Rack tray
Max Number of Chassis	9 (1 RAID and 8 JBOD)
Max Capacity per Chassis	12TB (1TB SATA-II drives)
Data Management Services	AssuredSnap™, AssuredCopy™

## HOSTS

Supported Hosts	Up to 8 direct connected hosts, 2/4 Gbit FC
Interface Type	FCP
External Ports	4/8 Dual Controller

## DRIVES

Max Number of Drives	108
Drive Options	3Gb SAS 146GB 15K RPM 3Gb SAS 300GB 15K RPM 3Gb SAS 450GB 15K RPM 3Gb SATA-II 500GB 7200 RPM 3Gb SATA-II 750GB 7200 RPM 3Gb SATA-II 1TB 7200 RPM 3Gb SATA-II 1TB 5400 RPM

## RAID

Levels Supported	NRAID, 0,1,3,5,6,10, and 50
RAID Type	Hardware
Cache Memory	1GB per controller
Cache Backup	Yes, battery-free protection
Virtual disks per System	32
Volumes per virtual disk	256
Volumes per System	512
Mirrored Cache	Yes - SimulCache™
Super Capacitor Cache Backup	Yes
Cache Backup to Flash	Yes - Non-volatile

## MANAGEMENT

Interface Types	Mini DB9 RS232, 10/100 Ethernet
Protocols Supported	SNMP, SSL, SSH, SMTP
Management Consoles	WEB GUI, CLI
Management Software	RAIDar

## POWER REQUIREMENTS – AC INPUT

Input Power Requirements	100-240VAC 50/60Hz 4.5–1.9A
Max Input Power	500W max maximum continuous
Heat Dissipation	1706 BTUs/hour

## POWER REQUIREMENTS – DC INPUT

Voltage	-39 to -72VDC, -48/-60V nominal
Max Input Power	500W maximum continuous
Heat Dissipation	1706 BTU/hour

## TEMPERATURE AND HUMIDITY RANGES

Operating Temperature	41°F to 104°F (5°C to 40°C)
Shipping Temperature	-40°F to 158°F (-40°C to 70°C) Note: Derate 2°C for every km, up to 3000 meters
Operating Humidity	10% to 90% RH @ 104°F (40°C) non-condensing
Non-Operating Humidity	Up to 93% RH @ 104°F (40°C) non-condensing

## DECLARED ACOUSTIC NOISE LEVELS

Sound Power	<6.03B Sound Power
Sound Pressure	<55dBA Sound Pressure

## SHOCK AND VIBRATION

Shock, Operational	5.0G, 10ms, half sine
Shock, Non-Operational	15G 11ms, half sine originally
Vibration, Operational	0.21Grms Random 5Hz to 500Hz flat spectrum/feed forward
Vibration, Non-Operational	0.5G 1 octave/minute 5Hz to 500Hz to 5 Hz sine sweep 0.5Grms Random 20Hz to-1000Hz flat spectrum

## HIGH-AVAILABILITY FEATURES

Redundant Hot-Swap Controllers	Yes
Redundant Hot-Swap Disk	Yes
Redundant Hot-Swap Fans	Yes
Redundant Hot-Swap Power	Yes
Dual Power Cords	Yes
Hot Standby Spare	Yes
Automatic Failover	Yes
Multi-Path Support	Yes
On-line Firmware Upgrades	Yes
Snap Shots with AssuredSnap™	Yes
Volume Copy with AssuredCopy™	Yes

## REGULATORY

Safety	UL 60950-1:2003 (USA) CAN/CSA-C22.2 No.60950-1-03 (Canada) EN 60950-1 :2001 + A11 (EU) IEC 60950-1 :2001 (International)
Electromagnetic Compatibility	CFR 47 Part 15 Subpart B (U.S.A., Class A) ICES-003 Issue 4 (Canada, Class A) EN 55022 :98 +A1 +A2 (EU, Class A) EN61000-3-2:2000+A1,+A2,+A14 (Harmonics) EN 61000-3-3 :2001 (Flicker) EN 55024 :1998 +A1 (EU,Immunity) EN 300 386 v1.3.3 CISPR 22 :2005 (International, Class A) CISPR 24 :97 (International, Immunity) GR-1089-CORE Issue 4 (NEBS)
Environmental	GR-63-CORE Issue 3 (NEBS) ETSI EN 300 019-2-1 v2.1.2 (EU, Class 1.2) ETSI EN 300 019-2-2 v2.1.2 (EU, Class 2.3) ETSI EN 300 019-2-3 v2.1.2 (EU, Class 3.2) Acoustics ISO7779 / ISO9296

RoHS and WEEE RoHS-5 Compliance , China RoHS, WEEE

Country Approvals Australia/New Zealand, Canada, China (PRC), European Union (EU), Germany (GS Mark), Japan, South Korea, Taiwan, United States

## SUPPORT

Software Warranty	90 Days
Standard Hardware Warranty	36 Months
Environmental Monitoring	Yes, via SNMP, CLI, RAIDar, SMTP
Phone-home Capability	Yes
Remote Diagnostics	Yes
Non-disruptive Updates	Yes
Non-disruptive Volume Expansion	Yes

## PHYSICAL

Height	3.5 Inches / 8.9cm
Depth (excluding cables)	23.7 Inches / 60.2cm
Width	17.6 Inches / 44.7cm
Chassis Weight	45lbs. / 20.5kg
Chassis w/500GB Drives Weight	66lbs (array only) / 29.94kg



Reactive Data Solution Ltd  
The Granary, Hose Hill  
Sulhamstead, Reading  
Berkshire, RG7 4BB, UK

+44(0) 118 9323 499  
sales@reactivedata.com  
www.reactivedata.com