

ioSafe R4: Powered by ReadyNas[®]

Product Specification



Product Highlights

- ioSafe[®] FloSafe Air Cooled Technology
- Simple Remote Office/SMB Continuity and Disaster Recovery
- Replaces or supplements Tape and Online Backup Strategies
- 4 Hot-swappable SATA hard disks
- Operates at Industry Standard 40°C
- Fire resistant to 1700°F, 1 hour
- Water resistant: Full Immersion, 30' depth
- Floor Standing Mini Tower
- Rack Mount Capable Design
- Gigabit Ethernet Interface
- Up to 3 TB raw storage capacity
- Operates in RAID 0/1/5 with optional hot spare
- Removable Electronic Core for Future Upgrades, simple recovery
- After Fire - User Recoverable: reduces Recovery Time Objective (RTO)
- Web browser based interface
- Compatible with Windows, Linux, Unix and Macintosh
- Requires no daily user interaction

K.L. SECURITY ENTERPRISES, LLC
Cost. Delivery. Support.
Solutions for Data & Document Storage

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ioSafe[®]
disaster proof hardware



ioSafe R4: Disaster Proof NAS/RAID

Product Specifications

Operational Details:

1. RAID Level 0/1/5
2. Standby Hot-Spare
3. Multi-platform compatibility: Windows, Mac, UNIX, AIX, and Linux
4. 32-bit RISC Network Storage Processor
5. 10/100/1000 Mb Ethernet Interface
6. DHCP and static IP support
7. SNMP Monitoring and Traps
8. Automated email alerts
9. UPS monitoring

Disaster & Security Specifications:

1. Fire protection – 1700°F, 1 hour
2. Tested per UL, FCC and CE Standards
3. Flood / submersion protection – to 30 feet water depth
5. User recoverable data after fire
6. Physical Theft protection
7. Cable lock optional
8. NAS connectivity/secure room
9. Levels: Share, User, and Domain/ADS
10. Secure Socket Layer (SSL)
11. User access administration and tracking
12. Earthquake/crush drop protection

Support:

1. 12/7/365 ioSafe Disaster Response Team Support and Data Recovery (included with purchase)
2. \$20,000 Data Extraction Guarantee (\$5000 per disk) and free replacement unit with recovered data.



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Network File Services & Security:

1. CIFS/SMB
2. NFS (v2, v3)
3. AFP
4. HTTP/HTTPS
5. Anonymous FTP
6. RSYNC
7. Encrypted Network Logins
8. Secure Socket Layer (SSL)
9. Windows File and Folder Access Control List (ACL)
10. Share, User and Domain/ADS Security Levels

Backup Options:

1. Backup Software Independent: Works with any disk backup program
2. Integrated Backup Manager: Backups to and from the ioSafe unit without the need for external backup.
3. Built-in Snapshot Support

Electrical:

1. 240W Power Supply with PFC
2. Electrical – AC input
3. Voltage: 80 ~ 264 VAC at 50/60 HZ
4. Current: 7.0A RMS for 115 VAC
5. Typical Power Consumption: < 100W with 4 HDD

Operating Environmental:

1. Operating: 0-40° C (104°F)
2. Non-operating: 0-1700°F, 1 hour
3. Operating Humidity: 20% - 80% (non-condensing)
4. Non-operating Humidity: 100%, Full water immersion, 30 feet.

Physical:

1. Size: 16"W x 6.75"H x 23"L
2. Rack Mount Capable
3. Weight: 110 lbs
4. User removeable core electronics for future upgrades

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