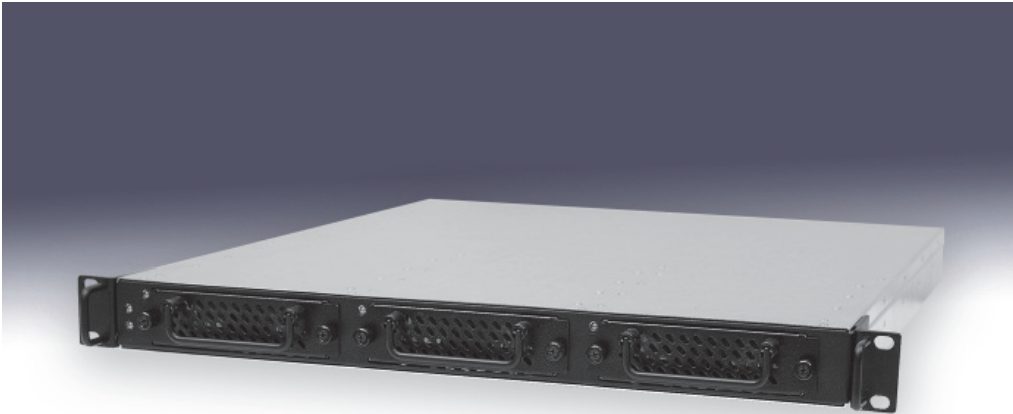


# RPC3 RUGGED THREE BAY NETWORK ATTACHED STORAGE



Phoenix International's RPC3 series of slimline Network Attached Storage (NAS) require only 1.75" of panel height and is the only COTS product available that is designed for rugged, space limited applications. NAS is useful for more than just general centralized storage provided to client computers in environments with large amounts of data. NAS can enable simpler and lower cost systems such as load-balancing and fault-tolerant email and web server systems by providing storage services.

The RPC3 will support a variety of network based file systems that allow for multiple hosts to store and share information. Network connections are provided through five load balanced Gigabit Ethernet ports, and can support optional dual optical 10 Gigabit Ethernet ports.

Management is via a convenient web based GUI or CLI. System and storage health and performance monitoring capabilities include SMART, SNMP (read-only), and Email notification.

RPC3 systems provide the only robust solution to the challenge of portability in transporting a data storage device (by itself) for secure or archival storage off-line or for transferring large data files between operating storage arrays, servers or host platforms.

## FEATURES

- Supports SATA, or SAS devices
- 2.5" and 3.5" HDD or SSD
- 1U (1.75") rackmount panel height
- All steel construction
- Redundant Power Supplies
- Hot Swap device carrier/receivers
- CPU: Intel Broadwell (Xeon v4) E3-1278L @ 2.0 GHz
- Memory: RAM 4GB, FLASH 64GB
- Video: 1x VGA, 2x or 3x DVI Video Output
- I/O: 5x GigE, 10GigE, USB 2/3, Serial (RS-232/422)
- Up to 36TB Storage Capacity
- Network Services: NFS (V3/V4), SBM/CIFS, FTP, TFTP, RSYNC, SSH
- Monitoring: SMART, SNMP, Email (Health/Perf.)
- File Systems: EXT3, EXT4, XFS, JFS
- RAID Levels: RAID 0 (Stripe), RAID 1 (Mirror), RAID 5 (Parity)
- Made in USA



# RPC3 RUGGED THREE BAY NAS

## TECHNICAL SPECIFICATIONS

### NETWORK INTERFACE

- Five 1Gb Ethernet
- 10Gb Ethernet (Optional)

### MECHANICAL SPECIFICATIONS

- Width: 17.70"
- Height: 1.75"
- Depth: 19.75"
- Weight: 15.5 lbs (no devices installed)
- Weight: 21.5 lbs (typical with three Hot Swap HDDs)

### ELECTRICAL SPECIFICATIONS

Input:

- Line voltage: Auto-ranging, 95 to 264 VAC.
- Line Frequency: 47 - 420Hz
- Line Current: 115v @ 1.89 Amps  
230v @ 0.90 Amps

Output:

- Power: 200 Watt
- DC Voltages: +5v 20 amp continuous  
+12v 8 amp continuous

### ENVIRONMENTAL SPECIFICATIONS

Temperature:

- 0 C to 50 C Operating
- -40 C to 70 C Non-operating

Humidity:

- 0% to 95% Non-condensing

Altitude:

- 0 to 30,000 ft Operating
- 0 to 50,000 ft Non-operating

### NAS FEATURES

- Enhanced Graphical User Interface
- Network Services: NFS (V3/V4), SBM/CIFS, FTP, TFTP, RSYNC, SSH
- Monitoring: SMART, SNMP, Email (Health/Perf.)
- File Systems: EXT3, EXT4, XFS, JFS
- RAID Levels: RAID 0 (Stripe), RAID 1 (Mirror), RAID 5 (Parity)
- Secure Encrypting Drive Support

### Phoenix International

Phoenix International is an AS9100 Rev D/ISO 9001:2015 certified, Service Disabled Veteran Owned Small Business (SDVOSB) manufacturer of Rugged COTS data storage products. Phoenix developed state of the art enabling technology provides users with mass storage products that ensure the highest performance storage and data network systems. These systems range in size and application from multi-terabyte Fibre Channel RAID, NAS and Storage Area Network (SAN) configurations to conduction cooled plug-in VME/VPX solid state (flash) storage modules.

For more demanding environmental MIL-SPEC applications, consider Phalanx II.



Phoenix Phalanx II Rugged NAS



Phoenix International is AS9100 Rev D/ISO 9001:2015 Certified

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