CORAID

EtherDrive® Server Platform
Windows, OpenSolaris, Linux, VMware Ready

Scale-Out Server Platform

SUMMARY

- High performance 64bit x86 server platform integrated with EtherDrive® SAN storage and Coraid SAN management system
- Ready for Windows, OpenSolaris, Linux, and ESX/ESXi operating systems
- Multiple GigE or 10 Gigabit Ethernet LAN and SAN ports
- High performance server virtualization platform
- Ideal for desktop virtualization environments
- Scale-out email server platform

- Fast database server platform
- High performance ZFS NAS platform
- Redundant boot disks
- 6 hot-swap cache SATA/SAS/SSD disk slots
- 2U Rack-mounted server platform
- Ready for use with unlimited scale-out EtherDrive SAN storage
- SAN storage LUNs can be hybrid of SATA, SAS, and SSD disks

Server Platform

CORAID is proud to introduce our new line of EtherDrive® Server Platforms, the SP2000 and SP3000. These are multi-core 64bit x86 servers suitable for any enterprise class application that has expanding storage needs. These servers are fully integrated to work with Ethernet SAN storage.
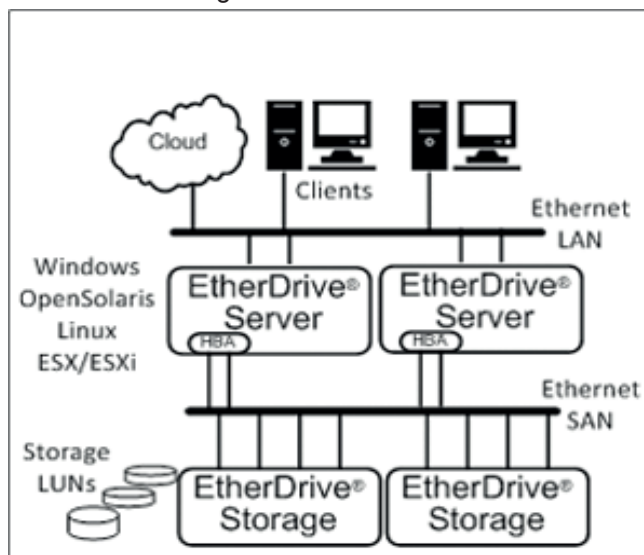
EtherDrive® Servers attach to an unlimited pool of EtherDrive® SAN storage using standard GigE or 10GigE networking.

Using the included DVD player users may install Windows, Linux, OpenSolaris or ESX operating systems and applications.

EtherDrive® Server platforms are ideally suited for server and desktop virtualization environments. For example, high performance clusters using ESX/ESXi can share an unlimited pool of EtherDrive® SAN storage. Hyper-V, XEN and KVM virtual environments are also supported.

Using OpenSolaris and its ZFS filesystem, scalable enterprise class network attached storage (NAS) file sharing is possible.

Integrated with EtherDrive® SAN storage make system designs with No Single Point of Failure possible, using standard Ethernet switching. Business critical applications like Exchange email with thousands of clients can be supported by EtherDrive® Servers and EtherDrive® Storage.
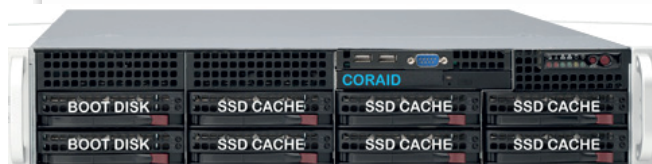
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Hardware Configuration

Eight front mount hot swap disk slots are available for boot media of SSD cache acceleration storage.

EtherDrive® Server platforms are available in 2U rack mounted chassis with redundant hot swap power supply modules.

SPECIFICATIONS

OS & Filesystem	Users choice of:
	Microsoft Windows Enterprise Server 2003 (64 bit)
	Microsoft Windows Enterprise Server 2008 R2 (64 bit)
	OpenSolaris 2009.06 with ZFS
	RedHat Enterprise Linux 5 (64 bit)
	Centos 5.4 (64 bit)
	VMware ESX 3.5, and vSphere 4.0 and 4.1
Management Interface	RS-232 and KVM
CPU & RAM	SP2000 - one quad core Intel 2.26GHz, 32GB
	SP3000 - two quad core Intel 2.26GHz, 48GB
Performance Acceleration Options	6 front mount hot swap SAS/SSD/SATA disk slots
SAN Protocol	EtherDrive AoE
Storage Capacity	Unlimited
LAN & SAN Interface Options	SP2000 - 4 GigE LAN + 4 GigE SAN HBA ports
	SP3000 - 2 10GigE LAN + 2 10GigE SAN HBA ports
Power Supply	100-240 VAC, 50/60Hz, redundant hot swap modules
Cooling	4 hot swap fans
Power Consumption	< 300 Watts, heat load < 1000 BTU
Shelf Dimensions	17.2 x 3.5 x 24 inches, 20 lbs
Boot Media	Mirrored Hot Swap Boot Disk
Software Installation Media	DVD
Operating Temp	50-95 degrees F (10-35 degrees C)
Relative Humidity	20%to 90%(non-condensing)
Warranty	36 Month