

elegant simplicity

Scale-out unified storage systems for the SMB market

Why didn't someone do this earlier?

Pranah storage systems are purpose-built for data storage, designed and built domestically, and deliver simple, scalable, and flexible network storage — but you get a lot more than that.

- Scalability without extensive technical support and costly reinvestments
- Integrated software and hardware, all managed from a simple, single user interface
- SAN and NAS capability in the same storage unit
- Technology that is actually “green friendly” and uses fewer economic and environmental resources

It sounds unbelievable, but it's a whole new model for network storage. The efficient design behind the Pranah Unified Storage System makes it the most complete network storage available — all in a 1U footprint.

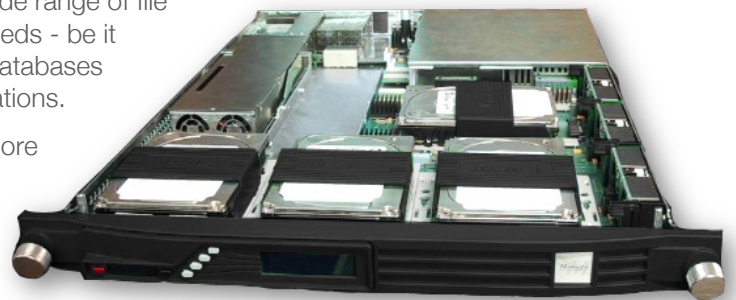
Pranah systems are purpose-built for storage. It's not built with off-the-shelf PC components and 3rd party software. The real beauty of Pranah Unified Storage lies in its elegant simplicity. With a modular and extensible design, Pranah allows you to start small and grow into a large single storage system that's configurable to a wide range of file and data access needs - be it high performance databases or file based applications.

Pranah gives you more value based on multiple storage controllers and host connections — with higher density and a patented cooling system. And there are no single points of failure.

The Pranah Unified Storage System features more capabilities in a 1U configuration than any other product in the industry, all with the simplicity

of plug-and-play expansion... SAS, SATA, Fibre Channel, iSCSI, NAS. We support it all.

Based on a tool-less and ruggedized design required to meet stringent U.S. military standards, your Pranah system is highly reliable and fault tolerant. The result is 24/7 operation delivering the



The U1200 Series Unified Storage System supports dual controllers and up to 4 disk drives in a 1U format

highest levels of availability, regardless of circumstances — exactly what you need to protect your valuable data. If you do ever need support, Pranah is there to back you up with our 3 year limited warranty and 24x7 tech support.

What's the point of simple, scalable, and affordable hardware if you have to invest in multiple 3rd party software solutions just to keep it running?

The Pranah Control Suite Software is completely different, and truly integrated.

The following software features come with every Pranah system:

Thin Provisioning: Maximize drive efficiency and delay CapEx on additional drive purchases.

Snapshot: Make instant copies of drive volumes for fast and simple recovery of data.

Integrated NAS: Stretch your budget by freeing up expensive hardware for other uses.

iSCSI block level services: Block level storage using your existing IP network.

Web-based management: From a single browser interface, control and manage one or multiple systems using intuitive tab and drop-down menus.

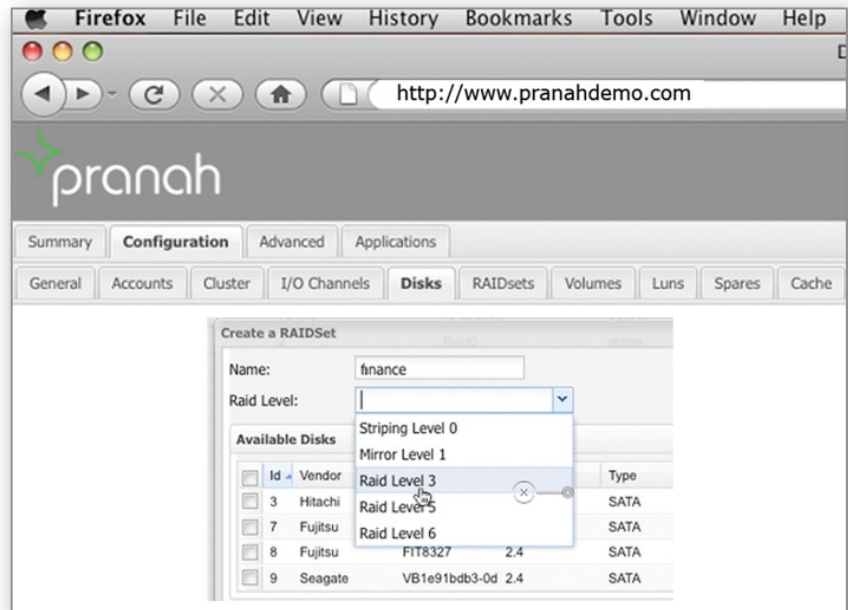
Tiered Storage: Reduce storage costs by assigning different data types to appropriate drive technology.

Other software available as options include:

Scale-out NAS: Seamlessly add control units to boost performance, grow capacity and deploy highly available storage clusters. Pranah's single namespace and auto-discovery features allow administrators to manage rapidly growing data with ease from a single management interface.

Replication: (synchronous and asynchronous) Efficiently duplicate your data off-site for disaster recovery.

It all adds up to one truly complete, integrated network storage system. And you won't find anything like it, anywhere else.



The Pranah Control Suite software interface is intuitive, with a familiar tab and drop-down menu

Two easy solutions for your complex storage needs

Pranah's U1240 is for iSCSI SAN and NAS IP network based storage with support for your choice of SATA and/or SAS drives.

The U1250 is for Fibre Channel SAN, iSCSI SAN and NAS with support for your choice of SATA and/or SAS drives.

Pranah's disk expansion units allow easy capacity upgrades as your storage needs grow.

To get more information on Pranah systems, contact your local Pranah reseller or contact us directly at 888-997-7262 or sales@pranah.com.

Pranah Unified Storage System - U1200 Series		
	U1240	U1250
Form Factor	1U 19" Rackmount	
Drive Types (Qty)	SATA,SAS (4)	SATA,SAS (4)
Storage Controller Blades	Single or Dual (active/active)	
Hardware RAID Levels	0, 1, 3, 5, 6, 10	
Unified Storage Protocols	iSCSI SAN, NAS	FC SAN, iSCSI SAN, NAS
Host Connection (min/max)	1Gb/s Ethernet ports (2/4) or 10Gb/s Ethernet ports (2/4)	1Gb/s Ethernet ports (2/4) or 10Gb/s Ethernet ports (2/4) 4Gb/s Fibre Channel ports (4/8)
Hardware Redundancy	Tool-less hot swappable controller blades, power supplies, disks and fans	
Power	Dual redundant AC or DC or both AC Power: 90-260VAC single phase (50-60Hz), 2A at 100VAC (240W) DC Power: -30/-62V (-48V nominal), dual input	
Certifications	Safety: UL 1950, CSA, TUV, EN60950 Emission: FCC part 15B, Class A	
Included Software	Pranah Control Suite including web-based management and single graphical user interface for all unified storage functions including Integrated NAS, Thin Provisioning, Tiered Storage and Snapshot	
Optional Software	Scale-out NAS, Replication (Synchronous and Asynchronous)	
Pranah Disk Expansion Units		
Disk Expansion Units (1U)	E1000 SAS connectivity, 8 x SATA/SAS drives	
Disk Expansion Units (3U)	E3000 SAS connectivity, 36 x SATA/SAS drives	