Nova Entry Series RAID System

Friendly User Interface and quick setup procedure

The Nova Entry series is rich in features and has impressive performance which makes it an ideal solution for video surveillance applications as well as data management for small to medium businesses.

Featuring the same 1.2GHz IOP as the Nova Professional series, the base Nova Entry comes with 6Gb SAS x 2 channels, single controller configuration. The rackmount enclosures hold 12/16/24 x SAS or SATA drives, and protects all data by RAID levels 0, 1, 3, 5, 6, 10. The friendly Graphic User Interface and quick setup procedure will enable non-technical users to configure a basic storage setup in just 5 simple steps. The storage capacity can be scaled by connecting through a mini SAS expander to a JBOD enclosure.

For customers looking for cost competitive storage solutions, Nova Entry series are the right choice because of their simple yet capable features as well as the high performance and scalable capacity.

FEATURES HIGHLIGHT

Modular Design
Allows custom configurations tailored for any environment to meet performance and capacity.
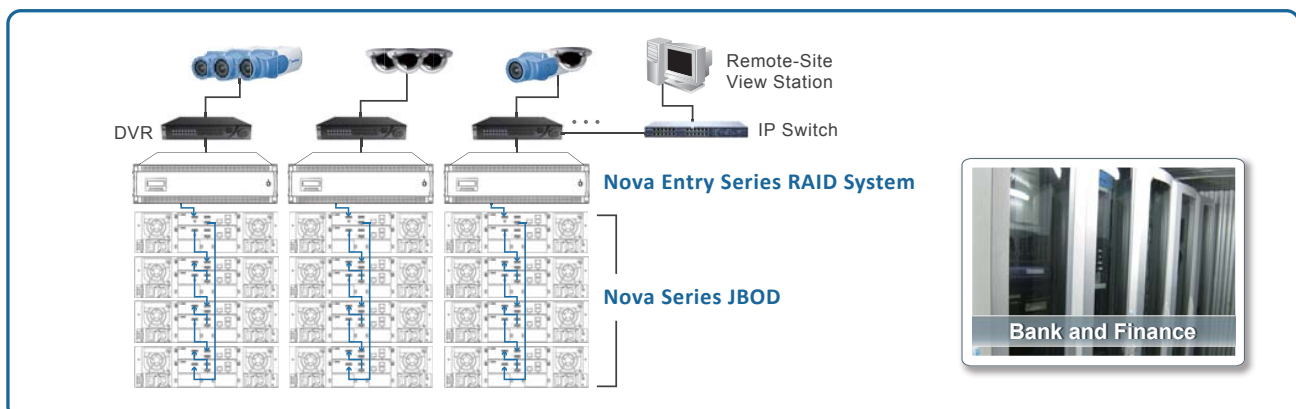
Easy Configuration and Management
User-friendly, easy management interface with quick setup procedure help non-technical users to configure a RAID 5 or RAID 6, in few steps.

Data Protection
Support RAID levels 1, 3, 5, and 6 to prevent for drive failure. Sustained read performance even in degrade mode.

Central Monitoring
Support multiple platforms, central managed "RAIDGuard Central" monitoring S/W, reporting failure event via SNMP instantly.

DVR

Remote-Site View Station

IP Switch

Nova Entry Series RAID System

Nova Series JBOD

Bank and Finance

Nova Entry Series RAID Subsystem

Public Safety

Bank and Finance

Transportation

SPECIFICATION

Hardware Components

Model No.	Nova 27S	Nova 37S	Nova 47S
RAID Controller	Single	Single	Single
No. of Host Channels Per Controller	2 x 6Gb SAS	2 x 6Gb SAS	2 x 6Gb SAS
Expansion Enclosure	Nova 34S, 44S JBOD	Nova 34S, 44S JBOD	Nova 34S, 44S JBOD
Cache Memory Per Controller	2GB, up to 4GB	2GB, up to 4GB	2GB, up to 4GB
No. of Drives	12 (SAS/SATA)	16 (SAS/SATA)	24 (SAS/SATA)
Max. No. of Drives	120	120	120
Power Supply	2 x 400W	2 x 500W	3 x 400W
Fan	2	2	2
Dimensions	2U 19" Rackmount 485 x 593 x 88mm (W x D x H)	3U 19" Rackmount 485 x 593 x 132mm (W x D x H)	4U 19" Rackmount 485 x 593 x 176mm (W x D x H)

Feature Highlights

Green	- Auto disk Standby - Advanced cooling mechanism - 80 PLUS energy-efficient power supplies
RAID & Volume	RAID level 0, 1, 3, 5, 6, 10, 30, 50, 60, JBOD, NRAID Up to 1024 logical volumes Global and dedicated hot spare Write-through or write-back cache policy Online volume expansion Instant RAID volume availability Auto volume rebuilding
Advanced Data Protection	"MaxSure" for Self-Encryption Drives Array Recovery Mechanism Online disk roaming "SmartCor." Function (DST, DS, DC)
Management	LCM; Serial console; SSH telnet; HTTP Web UI; Secured Web (HTTPS); S.E.S.
Notification	Email; SNMP trap; Browser pop-up windows; Syslog; Windows Messenger
OS Support	Windows; Linux; Mac

Requirements

AC Input	100-240V (+/-10%), 47-63Hz
Operating Temp.	5℃ to 40℃ (41℉ to 104℉)
Relative Humidity	20% to 80% non-condensing

Optional Components

Cache Guard Module	Battery Free (SuperCAP) Cache backup module

* Specifications and product offerings may vary without notice.