

The GVD M Series HA Server is a reliable and scalable redundant solution to provide highest availability for the video system which offers unmatched performance against any failure in the primary NVR or the camera network.

### Robust Industry Hardware Design for 24/7 Long Hour Operation

GVD M Series NAS and Mirror Server are the new generation of storage systems built on top of the robust industry server class IPC for the long-hour and tough operation environment. To guarantee the best surveillance uptime, GVD M Series Storage is equipped with: redundant switching power supply, dual-Giga high speed network ports that provides the best reliability for enterprise surveillance operation.

### Highly Scalable and Effective Consolidation

M Series Storage systems receive the concurrent real time video data from multiple M Series HD NVRs and offer the scalability by extending the space in flexible, Giga networked storage architecture. The M Series Storage creates volumes that can be readily expanded or contracted while reducing the need for spare capacity ensuring the critical workloads yet fast response. M Series Storage supports Per-Channel array systems in flexible storage architecture that can be configured ideally for storage consolidation supporting hundreds of IP cameras from any HD NVR systems.

### Failover Architecture for Mission Critical Applications

GVD M Series Storage is the ideal solution for high availability and disaster recovery. Moreover, GVD goes beyond the video data storage by implementing Mega-Data Engine to increase the performance of the massive video data deposit and searching. The result is unparalleled application-level availability with recovery in seconds, not minutes, after a failure or human error.



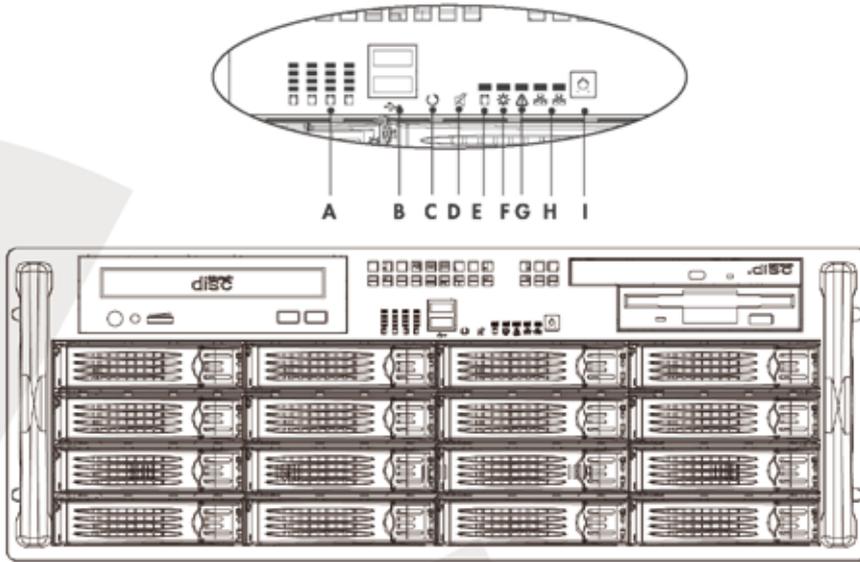
## Redundant Server

Best Redundant and Failover Solutions  
for Megapixel system

Model	M930	M940
		
● CPU	Intel Core 2 Quad Q9300(2.5 G)	Intel Core 2 Quad Q9300(2.5 G)
● Memory	4096MB	4096MB
● Storage	M930-0750: 9.0 TB M930-1000: 12.0 TB	M940-0750: 12.0 TB M940-1000: 16.0 TB
● Hot Swap HD Tray	12	16
● HD Type	SATA2	SATA2
● Image Resolution Support	CIF/ 2CIF/ D1/ 1.3M~8M	CIF/ 2CIF/ D1/ 1.3M~8M
● IP Inputs Support	Up to 48	Up to 64
● Ethernet Port	1000Mb/s x 1	1000Mb/s x 1
● Display Port	DVI x 2	DVI x 2
● DVD Writer	Slim DVD-/RW	Slim DVD-/RW
● RAID Level	0, 1, 5, 0+1	0, 1, 5, 0+1
● Form Factor	3U	4U
● Operating System	Windows XP	Windows XP
● Power Supply	Redundant Power Supply/650W 3 x 350W, independent switching	Redundant Power Supply/760W 3 x 420W, independent switching
● Dimension	16.9"(W) X 26.0"(D) X 5.2"(H)	16.9"(W) X 26.0"(D) X 6.9"(H)

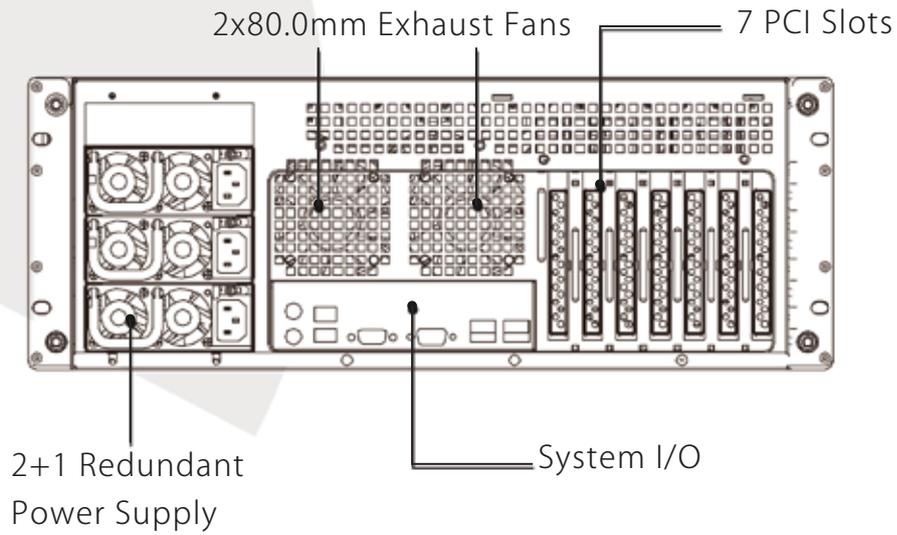
Model	M830	M840
		
● CPU	Intel Core 2 Quad Q9300(2.5 G)	Intel Core 2 Quad Q9300(2.5 G)
● Memory	4096MB	4096MB
● Storage	M830-0750: 9.0 TB M830-1000: 12.0 TB	M840-0750: 12.0 TB M840-1000: 16.0 TB
● Hot Swap HD Tray	12	16
● HD Type	SATA2	SATA2
● Image Resolution Support	CIF/ 2CIF/ D1/ 1.3M~8M	CIF/ 2CIF/ D1/ 1.3M~8M
● IP Inputs Support	Up to 48	Up to 64
● Ethernet Port	1000Mb/s x 1	1000Mb/s x 1
● Display Port	DVI x 2	DVI x 2
● DVD Writer	Slim DVD-/RW	Slim DVD-/RW
● RAID Level	0, 1, 5, 0+1	0, 1, 5, 0+1
● Form Factor	3U	4U
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Front Panel Layout

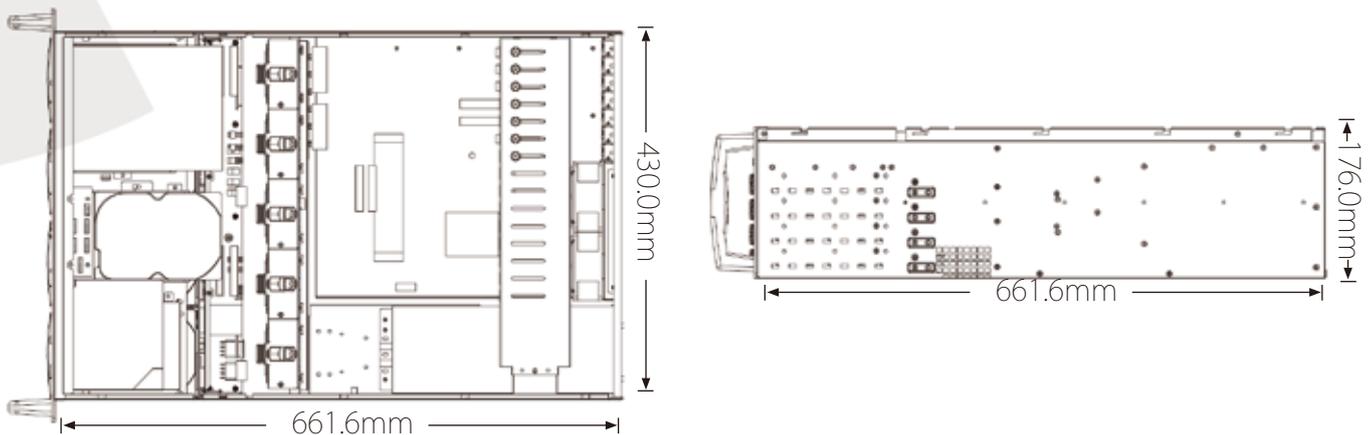


- A - HDD Tray Activity LED
- B - USB 2.0 Port
- C - System Reset Button
- D - Alarm Mute Button
- E - System HDD Activity LED
- F - Power LED
- G - Failure LED
- H - LAN1 & LAN2 LED
- I - Power Switch

Rear Panel Layout



Dimensions



System Diagram

