

Recommended Configuration for DVR Card

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1. Recommended Configuration for 4-ch D1

Name	Spec. and Model	Brand	Note
Mainboard	GA-G31M-S2L /G31MX-S2/G31-S3G/G31-S3L DVR SV-T6234/SV-G4134/SV-T8225/SV-V6225	Gigabyte/Seavo	Above 945 chipset group. Better performance for G31.
CPU	Intel Dual Core E1400 or above	Intel	
Memory	DDR2, 256M or above×2	Kingston	Dual-channel must be used.
Display card	Integrated display card	ATI/Nvidia/Intel	
Hard disk	320G or above	Seagate	
Power	250W	GreatWall/HuntKey	Rated power

2. Recommended Configuration for 8-ch D1

Name	Spec. and Model	Brand	Note
Mainboard	GA-G31M-S2L /G31MX-S2/G31-S3G/G31-S3L DVR SV-T6234/SV-G4134/SV-T8225/SV-V6225	Gigabyte/Seavo	Above 945 chipset group. Better performance for G31
CPU	Intel Dual Core E4300 or above	Intel	
Memory	DDR2, 256M or above×2	Kingston	Dual-channel must be used.
Display card	Integrated display card	ATI/Nvidia/Intel	
Hard disk	320G or above	Seagate	
Power	300W	GreatWall/HuntKey	Rated power

3. Recommended Configuration for 12-ch D1

Name	Spec. and Model	Brand	Note
Mainboard	GA-G31M-S2L /G31MX-S2/G31-S3G/G31-S3L DVR SV-T6234/SV-G4134/SV-T8225/SV-V6225	Gigabyte/Seavo	Above 945 chipset group. Better performance for G31
CPU	Intel Dual Core E5200 or above	Intel	
Memory	DDR2, 512M or above×2	Kingston	Dual-channel must be used.
Display	Integrated display card	ATI/Nvidia/Intel	
Hard disk	320G or above	Seagate	
Power	300W	GreatWall/HuntKey	Rated power

4. Recommended Configuration for 16-ch D1

Name	Spec. and Model	Brand	Note
Mainboard	GA-G31M-S2L /G31MX-S2/G31-S3G/G31-S3L DVR SV-T6234/SV-G4134/SV-T8225/SV-V6225	Gigabyte/Seavo	Better performance for above G31 chipset group.
CPU	Intel Four Core Q8200 or above	Intel	
Memory	DDR2, 512M or above×2	Kingston	Dual-channel must be used.
Display	Integrated display card	ATI/Nvidia/Intel	
Hard disk	320G or above	Seagate	
Power	300W	GreatWall/HuntKey	Rated power

5. Recommended Configuration for below 16-ch CIF

Name	Spec. and Model	Brand	Note
Mainboard	GA-G31M-S2L /G31MX-S2/G31-S3G/G31-S3L DVR SV-T6234/SV-G4134/SV-T8225/SV-V6225	Gigabyte/Seavo	
CPU	Intel Dual Core E1400 or above	Intel	
Memory	DDR2 512M	Kingston	
Display	Integrated display card	ATI/Nvidia/Intel	
Hard disk	320G	Seagate	
Power	250W	GreatWall/HuntKey	Rated power

6. Recommended Configuration for 20-ch/24-ch CIF

Name	Spec. and Model	Brand	Note
Mainboard	GA-G31M-S2L /G31MX-S2/G31-S3G/G31-S3L DVR SV-T6234/SV-G4134/SV-T8225/SV-V6225	Gigabyte/Seavo	
CPU	Intel Dual Core E4300 or above	Intel	
Memory	DDR2 1G	Kingston	
Display	Integrated display card	ATI/Nvidia/Intel	
Hard disk	320G	Seagate	
Power	300W	GreatWall/HuntKey	Rated power

7. Recommended Configuration for 32-ch/48-ch CIF

Name	Spec. and Model	Brand	Note
Mainboard	GA-G31M-S2L /G31MX-S2/G31-S3G/G31-S3L DVR SV-T6234/SV-G4134/SV-T8225/SV-V6225	Gigabyte/Seavo	
CPU	Intel Dual Core E5200 or above	Intel	
Memory	DDR2 1G	Kingston	
Display	Integrated display card	ATI/Nvidia/Intel	
Hard disk	320G	Seagate	
Power	350W	GreatWall/HuntKey	Rated power

Notes:

- (1) Please use INTEL CPU. The cards do not support AMD platform and other platforms currently.
- (2) The testing result shows that symmetric dual-channel memory (two same memory bars) must be used when using D1 coding form, which will reduce the CPU utilization rate by about 15%.
- (3) Please use Gigabyte, Asus, Seavo and other famous motherboards because of their advanced technologies, and good quality, stability and compatibility. Please use Intel chipset group and do not use motherboards with VIA, SIS, ATI, nVIDIA and other chipset group to avoid incompatibility.

The above recommended motherboards have passed strict testing. And users are strongly recommended to use the recommended motherboards. Otherwise, the excessive CPU utilization rate will disable the software.

Appendix: Recommended motherboard list

Gigabyte G31 series

Model	Picture	Model	Picture
GA-G31-S3G		GA-G31M-S2L	
GA-G31-S3L		GA-G31MX-S2	

Seavo DVR series

Model	Picture	Model	Picture
DVR SV-T6234		DVR SV-G4134	
DVR SV-T8225		DVR SV-V6225	