

[FAQ]

Which are the tested HDD for GV-System?

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Applied to

GV-System

Question

Which are the tested HDD for GV-System?

Answer

To maintain system stability and to keep your videos recorded by GV-System safe, we advise you to use the following recommended and/or tested hard disk drives.

Recommended Hard Disk Drives

Brand	Series
Seagate	Barracuda (XT Series, ES.2 Series, 7200 Series)
	SV35 Series
	Constellation ES Series
HITACHI	Hitachi Series
Western Digital	Caviar Black
	Caviar Blue
	RE Series

Tested Hard Disk Drives

No.	Brand	Models	SATA Interface	Rotational Speed	Cache	Capacity	Series
1	Seagate	ST3808110AS	SATA 2	7200 RPM	8MB	80GB	Barracuda 7200.9
2		ST3250310NS	SATA 2	7200 RPM	32MB	250GB	Barracuda ES.2
3		ST3250824AS	SATA 2	7200 RPM	8MB	250GB	Barracuda 7200.9
4		ST3250820AS	SATA 2	7200 RPM	16MB	250GB	Barracuda 7200.10
5		ST3320620SV	SATA 2	7200 RPM	16MB	320GB	SV35.2
6		ST3320620AS	SATA 2	7200 RPM	16MB	320GB	Barracuda 7200.10
7		ST3400620AS	SATA 2	7200 RPM	16MB	400GB	Barracuda 7200.10
8		ST3500320SV	SATA 2	7200 RPM	32MB	500GB	SV35.3
9		ST3500514NS	SATA 2	7200 RPM	32MB	500GB	Constellation ES
10		ST3500620AS	SATA 2	7200 RPM	16MB	500GB	Barracuda 7200.11
11		ST3500320AS	SATA 2	7200 RPM	32MB	500GB	Barracuda 7200.11
12		ST3500413AS	SATA 3	7200 RPM	16MB	500GB	Barracuda 7200.12
13		ST500DM002	SATA 3	7200 RPM	16MB	500GB	Barracuda 7200.14
14		ST1000VX000	SATA 3	7200 RPM	64MB	1TB	SV35.5
15		ST31000524AS	SATA 3	7200 RPM	32MB	1TB	Barracuda 7200.12
16		ST32000641AS	SATA 3	7200 RPM	64MB	2TB	Barracuda XT
17		ST2000DM001	SATA 3	7200 RPM	64MB	2TB	Barracuda 7200.14
18		ST3000DM001	SATA 3	7200 RPM	64MB	3TB	Barracuda 7200.14
19	Western Digital	WD5000AAKX	SATA 3	7200 RPM	16MB	500GB	Caviar Blue
20		WD5000AALX	SATA 3	7200 RPM	32MB	500GB	Caviar Blue
21		WD10EALX	SATA 3	7200 RPM	32MB	1TB	Caviar Blue
22		WD1002FAEX	SATA 3	7200 RPM	64MB	1TB	Caviar Black
23		WD2002FAEX	SATA 3	7200 RPM	64MB	2TB	Caviar Black
24		WD1003FBYX	SATA 2	7200 RPM	64MB	1TB	RE4
25	HITACHI	HDS721616PLA380-0A37123	SATA 2	7200 RPM	8MB	160GB	N/A
26		HDS721616PLA380-0Y30006	SATA 2	7200 RPM	8MB	160GB	
27		HDT725032VLA360-0A33435	SATA 2	7200 RPM	16MB	320GB	
28		HDP725050GLA360-0A35415	SATA 2	7200 RPM	16MB	500GB	
29		HDT721010SLA360-0A38016	SATA 2	7200 RPM	16MB	1TB	
30		HDS721010CLA332-0F10383	SATA 2	7200 RPM	32MB	1TB	
31		HDS723015BLA642-0F12114	SATA 3	7200 RPM	64MB	1.5TB	
32		HDS723020BLA642-0F12115	SATA 3	7200 RPM	64MB	2TB	
33		HDS723030ALA640-0F12450	SATA 3	7200 RPM	64MB	3TB	

Average Read and Write Speeds of HDD

Hard disk drives can be worn down mechanically over time and they may contain broken sectors. To maintain the performance and stability of your hard disk drive, make sure you use a hard disk drive with the R/W speed of 80 MB/s or above. This is an example from the Caviar Black for Western Digital:

