



## Merit LILIN Application Note

LILIN NAV Recorders MegaRAID HDD Support List

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**Subject:** This document describes MegaRAID HDD support list of LILIN NAV Recorders

**Supported NAV Recorders:** NAV Recorders with LSI 9260-8i / 9361-8i RAID card

LILIN NAV Recorders:

NAV3025/A/H, NAV2036/A, NAV1036/ NAV1072/A/B, NAV1108A/B,  
 NAV08036/A, NAV08072/A, NAV08108/A, NAV16036/A/B, NAV16072/A/B, NAV16108/A/B,  
 NAV24036/A, NAV24072/A/B, NAV24108/A/B, NAV2036F, NAV5004F, NAV6001AI-M,  
 NAV2400/2800AI, NAV3400AI, NAV5108AI,  
 NTS1004/1006, NCS1200, NCS3600, JBOD1024

Chassis	Model #				Bay
Mini PC	NCS1200				1 Bay
Mini PC	NAV6001AI-M				1 Bay
Mini ITX-Square	NAV3025/A/H				4 Bay
2U	CS3600	NAV2036/A	NAV2400/2800AI	-	3 Bay
3U	NAV3400AI	-	-	-	3 Bay
3U	NAV1072/A	NAV16036/A/B	NAV16072/A/B	NAV16108/A/B	16 Bay
4U	NAV5004F	NAV5108AI	NTS1004	NTS1006	3 Bay
4U	NAV1108/AB	NAV24036/AB	NAV24072AB	NAV24108/AB	24 Bay

### HDD Support List

OS SSD 2.5" SATA								
All models								
Brand	Model #	Capacity	Interface	TBW	format	Bay	Channel	
WD	WD BLUE WD500G2B0A	500GB	2.5" SATA 6Gb s	200TBW	TLC	1 Bay	-	
SanDisk	Ultra 3D Ultra 3D 500GB	500GB	2.5" SATA 6Gb s	200TBW	TLC	1 Bay	-	
Apacer	SM230-25 APS25KZ7512G-2HTM1GF	500GB	2.5" SATA 6Gb s	1054TBW	MLC	1 Bay	-	
Apacer	SM230-25 APS25KZ701TB-3VTM1GF	1TB	2.5" SATA 6Gb s	2075TBW	MLC	1 Bay	-	

OS SSD M.2 SATA 2242 (Special specifications)								
NAV2036 (Silver case)								
Brand	Model #	Capacity	Interface	TBW	format	Bay	Channel	
Transcend	MTS430S MTS430S 512GB	512GB	M.2 SATA 2242	180TBW	TLC	1 Bay	-	



OS SSD M.2 PCI-E 2280 (Customized)							
NAV2036A		NAV2036F					
NAV3400AI		NAV5004F					
NAV5108AI		NTS1004/1006					
Brand	Model #	Capacity	Interface	TBW	format	Bay	Channel
Intel	760p M.2 PCI-E	512GB	M.2 PCI-E 2280	288TBW	TLC	1 Bay	-

NAV Recorder Mine PC (Support up to 2 channels recording per HDD)							
NTS1200							
NAV6001AI-M							
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	BarraCuda Pro ST1000LM049	1TB	2.5" SATA 6Gb s	7200rpm	TLC	1 Bay	2ch
Seagate	SkyHawk 2.5" ST1000LM049	1TB	2.5" SATA 6Gb s	5400rpm	TLC	1 Bay	2ch
Seagate	SkyHawk 2.5" ST1000LM049	2TB	2.5" SATA 6Gb s	5400rpm	TLC	1 Bay	2ch

NAV Recorder (Support up to 5 channels recording per HDD)							
NCS3600		-					
NAV2036/A		NAV2036F					
NAV2400/2800AI		NAV5004F					
NAV3400AI		NAV5108AI					
NTS1004		NTS1006					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	5ch
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	5ch
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	5ch

NAV Recorder (Support up to 5 channels recording per HDD)							
NAV3025/A/H							
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	4 Bay	5ch
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	4 Bay	5ch
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4 Bay	5ch



NAV Recorder (Support 25 channels recording in RAID 5 with 8 HDDs)								
NAV1036		NAV08036/A						
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	25ch	
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	25ch	
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	25ch	

NAV Recorder (Support 42 channels recording in RAID 5 with 8 HDDs)								
NAV08072/A		NAV08108/A						
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	42ch	
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	42ch	
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	42ch	

NAV Recorder (Support 25 channels recording in RAID 5 with 16 HDDs)								
NAV16036/A								
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	25ch	
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	25ch	
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	25ch	

NAV Recorder (Support 42 channels recording in RAID 5 with 16 HDDs)								
NAV1072/A		-						
NAV16072/A		NAV16108/A						
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	42ch	
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	42ch	
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	42ch	

NAV Recorder (Support 25 channels recording in RAID 5 with 16 HDDs)								
NAV24036/A								
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	

WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	25ch
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	25ch
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	25ch

NAV Recorder (Support 42 channels recording in RAID 5 with 24 HDDs)							
NAV1108/A/B		-					
NAV24072/A/B		NAV24108/A/B					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	42ch
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	42ch
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	42ch

NAV Recorder (Support up to 7 channels recording per HDD)							
NCS3600		-					
NAV2036/A		NAV2036F					
NAV2400/2800AI		NAV5004F					
NAV3400AI		NAV5108AI					
NTS1004		NTS1006					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	7ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	7ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	7ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	7ch
WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	7ch

NAV Recorder (Support up to 7 channels recording per HDD)							
NAV3025/A/H							
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	4 Bay	7ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	4 Bay	7ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4 Bay	7ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	4 Bay	7ch



WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	4 Bay	7ch
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NAV Recorder (Support 36 channels recording in RAID 5 with 8 HDDs)							
NAV1036		NAV08036/A					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	36ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	36ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	36ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	36ch
WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	36ch

NAV Recorder (Support 72 channels recording in RAID 5 with 8 HDDs)							
NAV08072/A		NAV08108/A					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	72ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	72ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	72ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	72ch
WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	72ch

NAV Recorder (Support 36 channels recording in RAID 5 with 16 HDDs)							
NAV16036A/B							
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	36ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	36ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	36ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	36ch
WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	36ch

NAV Recorder (Support 72 channels recording in RAID 5 with 16 HDDs)							
NAV1072/A/B		NAV16072A/B					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel

WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	72ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	72ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	72ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	72ch
WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	72ch

NAV Recorder (Support 36 channels recording in RAID 5 with 24 HDDs)							
NAV24036/A/B							
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	36ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	36ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	36ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	36ch
WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	36ch

NAV Recorder (Support 72 channels recording in RAID 5 with 24 HDDs)							
JBOD1024		NAV1108/A/B					
NAV24072/A/B		NAV24108/A/B					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	72ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	72ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	72ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	72ch
WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	72ch

NAV Recorder (Support up to 10 channels recording per HDD)							
NCS3600		-					
NAV2036/A		NAV2036F					
NAV2400/2800AI		NAV5004F					
NAV3400AI		NAV5108AI					
NTS1004		NTS1006					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel



WD	Gold Enterprise WD102KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	10ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	10ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	10ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	10ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	10ch

**NAV Recorder (Support up to 10 channels recording per HDD)**

NAV3025/A/H

Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Gold Enterprise WD102KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	4 Bay	10ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	4 Bay	10ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4 Bay	10ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	4 Bay	10ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	4 Bay	10ch

**NAV Recorder (Support 36 channels recording in RAID 5 with 8 HDDs)**

NAV1036

NAV08036/A

Brand	Model #	Type	Capacity	Interface	RPM Class	format	Bay	Channel
WD	WD102KRYZ	Gold Enterprise	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	36ch
WD	WD102KRYZ	Gold Enterprise	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	36ch
WD	WD8004FRYZ	Gold Enterprise	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	36ch
WD	WD6003FRYZ	Gold Enterprise	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	36ch
WD	WD4003FRYZ	Gold Enterprise	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	36ch

**NAV Recorder (Support 72 channels recording in RAID 5 with 8 HDDs)**

NAV08072/A

Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	
WD	WD102KRYZ	Gold Enterprise	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	72ch
WD	WD102KRYZ	Gold Enterprise	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	72ch
WD	WD8004FRYZ	Gold Enterprise	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	72ch
WD	WD6003FRYZ	Gold Enterprise	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	72ch
WD	WD4003FRYZ	Gold Enterprise	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	72ch

NAV Recorder (Support 108 channels recording in RAID 5 with 8 HDDs)							
NAV08108/A							
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Gold Enterprise WD102KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	108ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	108ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	108ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	108ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	108ch

NAV Recorder (Support 108 channels recording in RAID 5 with 16 HDDs)							
NAV16036/A							
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Gold Enterprise WD102KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	36ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	36ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	36ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	36ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	36ch

NAV Recorder (Support 72 channels recording in RAID 5 with 16 HDDs)							
NAV1072/A		NAV16072/A					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Gold Enterprise WD102KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	72ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	72ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	72ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	72ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	72ch

NAV Recorder (Support 108 channels recording in RAID 5 with 16 HDDs)							
NAV16108/A/B							
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Gold Enterprise WD102KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	108ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	108ch

WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	108ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	108ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	108ch

NAV Recorder (Support 36 channels recording in RAID 5 with 24 HDDs)							
NAV24036/A							
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Gold Enterprise WD102KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	36ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	36ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	36ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	36ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	36ch

NAV Recorder (Support 72 channels recording in RAID 5 with 24 HDDs)							
NAV24072/A							
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Gold Enterprise WD102KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	72ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	72ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	72ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	72ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	72ch

NAV Recorder (Support 108 channels recording in RAID 5 with 24 HDDs)							
JBOD1024		-					
NAV1108/A/B		NAV24108/A/B					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
WD	Gold Enterprise WD102KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	108ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	108ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	108ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	108ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	108ch

NAV Recorder (Support up to 5 channels recording per HDD)								
NCS3600		-						
NAV2036/A		NAV2036F						
NAV2400/2800AI		NAV5004F						
NAV3400AI		NAV5108AI						
NTS1004		NTS1006						
Brand	Model #	Type	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	ST8000VX004	SkyHawk	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	5ch
Seagate	ST6000VX001	SkyHawk	6TB	3.5" SATA 6Gb s	5400 rpm	CMR	3 Bay	5ch
Seagate	ST4000VX007	SkyHawk	4TB	3.5" SATA 6Gb s	5900 rpm	CMR	3 Bay	5ch
Seagate	ST4000VX013	SkyHawk	4TB	3.5" SATA 6Gb s	5400 rpm	SMR	3 Bay	5ch
Seagate	ST3000VX009	SkyHawk	3TB	3.5" SATA 6Gb s	5400 rpm	CMR	3 Bay	5ch
Seagate	ST2000VX008	SkyHawk	2TB	3.5" SATA 6Gb s	5900 rpm	CMR	3 Bay	5ch
Seagate	ST1000VX005	SkyHawk	1TB	3.5" SATA 6Gb s	5400 rpm	CMR	3 Bay	5ch

NAV Recorder (Support up to 5 channel recording per HDD)								
NAV3025/A/H								
Brand	Model #	Type	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	ST8000VX004	SkyHawk	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3 Bay	5ch
Seagate	ST6000VX001	SkyHawk	6TB	3.5" SATA 6Gb s	5400 rpm	CMR	3 Bay	5ch
Seagate	ST4000VX007	SkyHawk	4TB	3.5" SATA 6Gb s	5900 rpm	CMR	3 Bay	5ch
Seagate	ST4000VX013	SkyHawk	4TB	3.5" SATA 6Gb s	5400 rpm	SMR	3 Bay	5ch
Seagate	ST3000VX009	SkyHawk	3TB	3.5" SATA 6Gb s	5400 rpm	CMR	3 Bay	5ch
Seagate	ST2000VX008	SkyHawk	2TB	3.5" SATA 6Gb s	5900 rpm	CMR	3 Bay	5ch
Seagate	ST1000VX005	SkyHawk	1TB	3.5" SATA 6Gb s	5400 rpm	CMR	3 Bay	5ch

NAV Recorder (Support 25 channels recording in RAID 5 with 8 HDDs)								
NAV1036/A		NAV08036/A						
Brand	Model #	Type	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	ST8000VX004	SkyHawk	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	25ch
Seagate	ST6000VX001	SkyHawk	6TB	3.5" SATA 6Gb s	5400 rpm	CMR	8 Bay	25ch
Seagate	ST4000VX007	SkyHawk	4TB	3.5" SATA 6Gb s	5900 rpm	CMR	8 Bay	25ch



Seagate	ST4000VX013	SkyHawk	4TB	3.5" SATA 6Gb s	5400 rpm	SMR	8 Bay	25ch
Seagate	ST3000VX009	SkyHawk	3TB	3.5" SATA 6Gb s	5400 rpm	CMR	8 Bay	25ch
Seagate	ST2000VX008	SkyHawk	2TB	3.5" SATA 6Gb s	5900 rpm	CMR	8 Bay	25ch
Seagate	ST1000VX005	SkyHawk	1TB	3.5" SATA 6Gb s	5400 rpm	CMR	8 Bay	25ch

NAV Recorder (Support 42 channels recording in RAID 5 with 8 HDDs)								
NAV08072/A			NAV08108/A					
Brand	Model #	Type	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	ST8000VX004	SkyHawk	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8 Bay	42ch
Seagate	ST6000VX001	SkyHawk	6TB	3.5" SATA 6Gb s	5400 rpm	CMR	8 Bay	42ch
Seagate	ST4000VX007	SkyHawk	4TB	3.5" SATA 6Gb s	5900 rpm	CMR	8 Bay	42ch
Seagate	ST4000VX013	SkyHawk	4TB	3.5" SATA 6Gb s	5400 rpm	SMR	8 Bay	42ch
Seagate	ST3000VX009	SkyHawk	3TB	3.5" SATA 6Gb s	5400 rpm	CMR	8 Bay	42ch
Seagate	ST2000VX008	SkyHawk	2TB	3.5" SATA 6Gb s	5900 rpm	CMR	8 Bay	42ch
Seagate	ST1000VX005	SkyHawk	1TB	3.5" SATA 6Gb s	5400 rpm	CMR	8 Bay	42ch

NAV Recorder (Support 36 channels recording in RAID 5 with 16 HDDs)								
NAV16036/A								
Brand	Model #	Type	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	ST8000VX004	SkyHawk	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	25ch
Seagate	ST6000VX001	SkyHawk	6TB	3.5" SATA 6Gb s	5400 rpm	CMR	16 Bay	25ch
Seagate	ST4000VX007	SkyHawk	4TB	3.5" SATA 6Gb s	5900 rpm	CMR	16 Bay	25ch
Seagate	ST4000VX013	SkyHawk	4TB	3.5" SATA 6Gb s	5400 rpm	SMR	16 Bay	25ch
Seagate	ST3000VX009	SkyHawk	3TB	3.5" SATA 6Gb s	5400 rpm	CMR	16 Bay	25ch
Seagate	ST2000VX008	SkyHawk	2TB	3.5" SATA 6Gb s	5900 rpm	CMR	16 Bay	25ch
Seagate	ST1000VX005	SkyHawk	1TB	3.5" SATA 6Gb s	5400 rpm	CMR	16 Bay	25ch

NAV Recorder (Support 42 channels recording in RAID 5 with 8 HDDs)								
NAV16072/A/B			NAV16108/A/B					
Brand	Model #	Type	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	ST8000VX004	SkyHawk	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16 Bay	42ch
Seagate	ST6000VX001	SkyHawk	6TB	3.5" SATA 6Gb s	5400 rpm	CMR	16 Bay	42ch
Seagate	ST4000VX007	SkyHawk	4TB	3.5" SATA 6Gb s	5900 rpm	CMR	16 Bay	42ch

Seagate	ST4000VX013	SkyHawk	4TB	3.5" SATA 6Gb s	5400 rpm	SMR	16 Bay	42ch
Seagate	ST3000VX009	SkyHawk	3TB	3.5" SATA 6Gb s	5400 rpm	CMR	16 Bay	42ch
Seagate	ST2000VX008	SkyHawk	2TB	3.5" SATA 6Gb s	5900 rpm	CMR	16 Bay	42ch
Seagate	ST1000VX005	SkyHawk	1TB	3.5" SATA 6Gb s	5400 rpm	CMR	16 Bay	42ch

NAV Recorder (Support 25 channels recording in RAID 5 with 24 HDDs)								
NAV24036/A/B								
Brand	Model #	Type	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	ST8000VX004	SkyHawk	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	25ch
Seagate	ST6000VX001	SkyHawk	6TB	3.5" SATA 6Gb s	5400 rpm	CMR	24 Bay	25ch
Seagate	ST4000VX007	SkyHawk	4TB	3.5" SATA 6Gb s	5900 rpm	CMR	24 Bay	25ch
Seagate	ST4000VX013	SkyHawk	4TB	3.5" SATA 6Gb s	5400 rpm	SMR	24 Bay	25ch
Seagate	ST3000VX009	SkyHawk	3TB	3.5" SATA 6Gb s	5400 rpm	CMR	24 Bay	25ch
Seagate	ST2000VX008	SkyHawk	2TB	3.5" SATA 6Gb s	5900 rpm	CMR	24 Bay	25ch
Seagate	ST1000VX005	SkyHawk	1TB	3.5" SATA 6Gb s	5400 rpm	CMR	24 Bay	25ch

NAV Recorder (Support 42 channels recording in RAID 5 with 24 HDDs)								
NAV1108/A/B		-						
NAV24072/A/B		NAV24108/A/B						
Brand	Model #	Type	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	ST8000VX004	SkyHawk	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24 Bay	42ch
Seagate	ST6000VX001	SkyHawk	6TB	3.5" SATA 6Gb s	5400 rpm	CMR	24 Bay	42ch
Seagate	ST4000VX007	SkyHawk	4TB	3.5" SATA 6Gb s	5900 rpm	CMR	24 Bay	42ch
Seagate	ST4000VX013	SkyHawk	4TB	3.5" SATA 6Gb s	5400 rpm	SMR	24 Bay	42ch
Seagate	ST3000VX009	SkyHawk	3TB	3.5" SATA 6Gb s	5400 rpm	CMR	24 Bay	42ch
Seagate	ST2000VX008	SkyHawk	2TB	3.5" SATA 6Gb s	5900 rpm	CMR	24 Bay	42ch
Seagate	ST1000VX005	SkyHawk	1TB	3.5" SATA 6Gb s	5400 rpm	CMR	24 Bay	42ch

NAV Recorder (Support up to 7 channel recording per HDD)							
NCS3600	-						
NAV2036/A	NAV2036F						
NAV2400/2800AI	NAV5004F						
NAV3400AI	NAV5108AI						
NTS1004	NTS1006						
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200rpm	CMR	3 Bay	7ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200rpm	CMR	3 Bay	7ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200rpm	CMR	3 Bay	7ch
Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200rpm	CMR	3 Bay	7ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3 Bay	7ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200rpm	CMR	3 Bay	7ch

NAV Recorder (Support up to 7 channel recording per HDD)							
NAV3025/A/H	-						
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200rpm	CMR	4 Bay	7ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200rpm	CMR	4 Bay	7ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200rpm	CMR	4 Bay	7ch
Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200rpm	CMR	4 Bay	7ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	4 Bay	7ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200rpm	CMR	4 Bay	7ch

NAV Recorder (Support 36 channels recording in RAID 5 with 8 HDDs)							
NAV08036/A	-						
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200rpm	CMR	8 Bay	36ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200rpm	CMR	8 Bay	36ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200rpm	CMR	8 Bay	36ch
Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200rpm	CMR	8 Bay	36ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	8 Bay	36ch

Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200rpm	CMR	8 Bay	36ch
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NAV Recorder (Support 72 channels recording in RAID 5 with 8 HDDs)							
NAV08072/A		NAV08108/A					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200rpm	CMR	8 Bay	72ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200rpm	CMR	8 Bay	72ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200rpm	CMR	8 Bay	72ch
Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200rpm	CMR	8 Bay	72ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	8 Bay	72ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200rpm	CMR	8 Bay	72ch

NAV Recorder (Support 36 channels recording in RAID 5 with 16 HDDs)							
NAV16036/A/B		-					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200rpm	CMR	16 Bay	36ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200rpm	CMR	16 Bay	36ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200rpm	CMR	16 Bay	36ch
Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200rpm	CMR	16 Bay	36ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	16 Bay	36ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200rpm	CMR	16 Bay	36ch

NAV Recorder (Support 72 channels recording in RAID 5 with 16 HDDs)							
NAV16072/A/B		NAV16108/A/B					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200rpm	CMR	16 Bay	72ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200rpm	CMR	16 Bay	72ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200rpm	CMR	16 Bay	72ch
Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200rpm	CMR	16 Bay	72ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	16 Bay	72ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200rpm	CMR	16 Bay	72ch

NAV Recorder (Support 72 channels recording in RAID 5 with 24 HDDs)								
NAV1108/A/B			NAV24108/A/B					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200rpm	CMR	24 Bay	72ch	
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200rpm	CMR	24 Bay	72ch	
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200rpm	CMR	24 Bay	72ch	
Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200rpm	CMR	24 Bay	72ch	
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	24 Bay	72ch	
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200rpm	CMR	24 Bay	72ch	

NAV Recorder (Support up to 6 channels recording per HDD)								
NCS3600			-					
NAV2036/A			NAV2036F					
NAV2400/2800AI			NAV5004F					
NAV3400AI			NAV5108AI					
NTS1004			NTS1006					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	
Seagate	IronWolf NAS ST4000VN008	4TB	3.5" SATA 6Gb s	5900rpm	CMR	3 Bay	6ch	

NAV Recorder (Support up to 6 channels recording per HDD)								
NAV3025/A/H			-					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	
Seagate	IronWolf NAS ST4000VN008	4TB	3.5" SATA 6Gb s	5900rpm	CMR	4 Bay	6ch	

NAV Recorder (Support 30 channels recording in RAID 5 with 8 HDDs)								
NAV1036/A			NAV08036/A					
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	
Seagate	IronWolf NAS ST4000VN008	4TB	3.5" SATA 6Gb s	5900rpm	CMR	8 Bay	30ch	

NAV Recorder (Support 64 channels recording in RAID 5 with 8 HDDs)								
NAV08072/A		NAV08108/A						
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	
Seagate	IronWolf NAS ST4000VN008	4TB	3.5" SATA 6Gb s	5900rpm	CMR	8 Bay	64ch	

NAV Recorder (Support 30 channels recording in RAID 5 with 16 HDDs)								
NAV16036/A		-						
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	
Seagate	IronWolf NAS ST4000VN008	4TB	3.5" SATA 6Gb s	5900rpm	CMR	16 Bay	30ch	

NAV Recorder (Support 64 channels recording in RAID 5 with 16 HDDs)								
NAV1072/A		-						
NAV16072/A		NAV16108/A						
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	
Seagate	IronWolf NAS ST4000VN008	4TB	3.5" SATA 6Gb s	5900rpm	CMR	16 Bay	64ch	

NAV Recorder (Support 30 channels recording in RAID 5 with 24 HDDs)								
NAV24036/A		-						
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	
Seagate	IronWolf NAS ST4000VN008	4TB	3.5" SATA 6Gb s	5900rpm	CMR	24 Bay	30ch	

NAV Recorder (Support 64 channels recording in RAID 5 with 24 HDDs)								
NAV1108/A/B		-						
NAV24072/A		NAV24108/A						
Brand	Model #	Capacity	Interface	RPM Class	format	Bay	Channel	
Seagate	IronWolf NAS ST4000VN008	4TB	3.5" SATA 6Gb s	5900rpm	CMR	24 Bay	64ch	

NAV Recorder (Support up to 12 channels recording per HDD)								
NCS3600		-						
NAV2036/A		NAV2036F						
NAV2400/2800AI		NAV5004F						
NAV3400AI		NAV5108AI						
NTS1004		NTS1006						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST8000NM000A	Enterprise Exos 7E8	8TB	3.5" SATA 6Gb s	7200rpm	PMR	3 Bay	12ch

NAV Recorder (Support up to 12 channels recording per HDD)								
NAV3025/A/H		-						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST8000NM000A	Enterprise Exos 7E8	8TB	3.5" SATA 6Gb s	7200rpm	PMR	4 Bay	12ch

NAV Recorder (Support 36 channels recording in RAID 5 with 8 HDDs)								
NAV08036/A		-						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST8000NM000A	Enterprise Exos 7E8	8TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	36ch

NAV Recorder (Support 72 channels recording in RAID 5 with 8 HDDs)								
NAV08072/A		-						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST8000NM000A	Enterprise Exos 7E8	8TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	72ch

NAV Recorder (Support 108 channels recording in RAID 5 with 8 HDDs)								
NAV08108/A		-						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST8000NM000A	Enterprise Exos 7E8	8TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	108ch

NAV Recorder (Support 36 channels recording in RAID 5 with 16 HDDs)								
NAV16036/A/B		-						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST8000NM000A	Enterprise Exos 7E8	8TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	36ch

NAV Recorder (Support 72 channels recording in RAID 5 with 16 HDDs)								
NAV16072/A/B		-						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST8000NM000A	Enterprise Exos 7E8	8TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	72ch

NAV Recorder (Support 108 channels recording in RAID 5 with 16 HDDs)								
NAV16108/A/B		-						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST8000NM000A	Enterprise Exos 7E8	8TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	108ch

NAV Recorder (Support 36 channels recording in RAID 5 with 24 HDDs)								
NAV24036/A		-						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST8000NM000A	Enterprise Exos 7E8	8TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	36ch

NAV Recorder (Support 72 channels recording in RAID 5 with 24 HDDs)								
NAV1072/A		NAV24072/A/B						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST8000NM000A	Enterprise Exos 7E8	8TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	72ch

NAV Recorder (Support 108 channels recording in RAID 5 with 24 HDDs)								
JBOD1024								
NAV1108/A/B		NAV24108/A/B						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST8000NM000A	Enterprise Exos 7E8	8TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	72ch

NAV Recorder (Support up to 12 channels recording per HDD)								
NCS3600		-						
NAV2036/A		NAV2036F						
NAV2400/2800AI		NAV5004F						
NAV3400AI		NAV5108AI						
NTS1004		NTS1006						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel



Seagate	ST16000NM001G	Enterprise Exos X16	16TB	3.5" SATA 6Gb s	7200rpm	PMR	3 Bay	12ch
Seagate	ST14000NM001G	Enterprise Exos X16	14TB	3.5" SATA 6Gb s	7200rpm	PMR	3 Bay	12ch
Seagate	ST12000NM001G	Enterprise Exos X16	12TB	3.5" SATA 6Gb s	7200rpm	PMR	3 Bay	12ch
Seagate	ST10000NM001G	Enterprise Exos X16	10TB	3.5" SATA 6Gb s	7200rpm	PMR	3 Bay	12ch

NAV Recorder (Support up to 12 channels recording per HDD)								
NAV3025/A/H								
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST16000NM001G	Enterprise Exos X16	16TB	3.5" SATA 6Gb s	7200rpm	PMR	4 Bay	12ch
Seagate	ST14000NM001G	Enterprise Exos X16	14TB	3.5" SATA 6Gb s	7200rpm	PMR	4 Bay	12ch
Seagate	ST12000NM001G	Enterprise Exos X16	12TB	3.5" SATA 6Gb s	7200rpm	PMR	4 Bay	12ch
Seagate	ST10000NM001G	Enterprise Exos X16	10TB	3.5" SATA 6Gb s	7200rpm	PMR	4 Bay	12ch

NAV Recorder (Support 36 channels recording in RAID 5 with 8 HDDs)								
NAV1036/A		NAV08036/A						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST16000NM001G	Enterprise Exos X16	16TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	36ch
Seagate	ST14000NM001G	Enterprise Exos X16	14TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	36ch
Seagate	ST12000NM001G	Enterprise Exos X16	12TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	36ch
Seagate	ST10000NM001G	Enterprise Exos X16	10TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	36ch

NAV Recorder (Support 72 channels recording in RAID 5 with 8 HDDs)								
NAV08072/A								
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST16000NM001G	Enterprise Exos X16	16TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	72ch
Seagate	ST14000NM001G	Enterprise Exos X16	14TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	72ch
Seagate	ST12000NM001G	Enterprise Exos X16	12TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	72ch
Seagate	ST10000NM001G	Enterprise Exos X16	10TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	72ch

NAV Recorder (Support 108 channels recording in RAID 5 with 8 HDDs)								
NAV08108/A								
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST16000NM001G	Enterprise Exos X16	16TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	108ch
Seagate	ST14000NM001G	Enterprise Exos X16	14TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	108ch



Seagate	ST12000NM001G	Enterprise Exos X16	12TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	108ch
Seagate	ST10000NM001G	Enterprise Exos X16	10TB	3.5" SATA 6Gb s	7200rpm	PMR	8 Bay	108ch

NAV Recorder (Support 36 channels recording in RAID 5 with 16 HDDs)								
NAV16036/A/B								
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST16000NM001G	Enterprise Exos X16	16TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	36ch
Seagate	ST14000NM001G	Enterprise Exos X16	14TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	36ch
Seagate	ST12000NM001G	Enterprise Exos X16	12TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	36ch
Seagate	ST10000NM001G	Enterprise Exos X16	10TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	36ch

NAV Recorder (Support 72 channels recording in RAID 5 with 16 HDDs)								
NAV16072/A/B								
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST16000NM001G	Enterprise Exos X16	16TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	72ch
Seagate	ST14000NM001G	Enterprise Exos X16	14TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	72ch
Seagate	ST12000NM001G	Enterprise Exos X16	12TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	72ch
Seagate	ST10000NM001G	Enterprise Exos X16	10TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	72ch

NAV Recorder (Support 108 channels recording in RAID 5 with 16 HDDs)								
NAV16108/A/B								
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST16000NM001G	Enterprise Exos X16	16TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	108ch
Seagate	ST14000NM001G	Enterprise Exos X16	14TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	108ch
Seagate	ST12000NM001G	Enterprise Exos X16	12TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	108ch
Seagate	ST10000NM001G	Enterprise Exos X16	10TB	3.5" SATA 6Gb s	7200rpm	PMR	16 Bay	108ch

NAV Recorder (Support 36 channels recording in RAID 5 with 24 HDDs)								
NAV24036/AB								
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST16000NM001G	Enterprise Exos X16	16TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	36ch
Seagate	ST14000NM001G	Enterprise Exos X16	14TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	36ch
Seagate	ST12000NM001G	Enterprise Exos X16	12TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	36ch



Seagate	ST10000NM001G	Enterprise Exos X16	10TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	36ch
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NAV Recorder (Support 72 channels recording in RAID 5 with 24 HDDs)								
NAV24072/AB		-						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST16000NM001G	Enterprise Exos X16	16TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	72ch
Seagate	ST14000NM001G	Enterprise Exos X16	14TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	72ch
Seagate	ST12000NM001G	Enterprise Exos X16	12TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	72ch
Seagate	ST10000NM001G	Enterprise Exos X16	10TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	72ch

NAV Recorder (Support 108 channels recording in RAID 5 with 24 HDDs)								
JBOD1024		-						
NAV1108/A/B		NAV24108/A/B						
Brand	Model #	Type	Capacity	Interface	RPM Class	Format	Bay	Channel
Seagate	ST16000NM001G	Enterprise Exos X16	16TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	108ch
Seagate	ST14000NM001G	Enterprise Exos X16	14TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	108ch
Seagate	ST12000NM001G	Enterprise Exos X16	12TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	108ch
Seagate	ST10000NM001G	Enterprise Exos X16	10TB	3.5" SATA 6Gb s	7200rpm	PMR	24 Bay	108ch

Test Environment Setup	
Ambient Temperature	Around 35°C
HDD Temperature	Around 40°C inside the chassis
Video Streaming	Dual stream @ 4 Mbps (1080p, H.264/265, 25fps), the results may vary depending on the camera resolution, H.264/265, frames per second, software, system settings, video quality, and other factors.
Recommended HDD	*Enterprise grade 7200 RPM HDDs are strongly recommended for LILIN 16-bay and 24-bay NAV recorders.

RAID CARD	LSI 9260-4i/8i	LSI 9361-4i/8i
MegaRAID Software	17.05.02.01	17.05.02.01
Firmware	12.9.0-0037	24.21.0-0139