

OS or Storage	Brand	Model #	Capacity	Interface	Format	Bay	Channel	NAV Models
OS	WD	WD BLUE WDS500G2B0A	500GB	2.5" SATA 6Gb s	TLC	1	-	All Models
OS	WD	WD BLUE 510(FW 52046100) WDS500G3B0A	500GB	2.5" SATA 6Gb s	TLC	1	-	All Models
OS	Crucial	MX500 CT500MX500SSD1	500GB	2.5" SATA 6Gb s	TLC	1	-	All Models
OS	SanDisk	Ultra 3D 3D 500GB	500GB	2.5" SATA 6Gb s	TLC	1	-	All Models
OS	Apacer	PPSS25 SATA AP512GPPSS25	512GB	2.5" SATA 6Gb s	TLC	1	-	All Models
OS	Apacer	SM230-25 APS25KZ701TB-3VTM1GF	1TB	2.5" SATA 6Gb s	MLC	1	-	All Models
OS	Apacer	SM230-25 APS25KZ7512G-2HTM1GF	500GB	2.5" SATA 6Gb s	MLC	1	-	All Models
OS	Apacer	PP3480 PCIe M280 AP512GPP3480	512GB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	Apacer	PP3480 PCIe M280 AP1TPP3480	1TB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	Transcend	MTS430S 512GB	512GB	M.2 SATA 2242	TLC	1	-	NAV2036 (Silver case)
OS	Crucial	Crucial T500 1TB PCIe GEN4	1TB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	WD	WD Black SN750 WDS100T3X0C	1TB	M.2 PCI-E 2280	TLC	1	-	NCS3600, NAV2036A, NAV2036/5004F,NAV2400/2800AI, NAV3400AI, NAV5108AI, NAV08036/072/108A, NTS1004/1006E
OS	WD	WD Black SN750 WDS500G3X0C	500GB	M.2 PCI-E 2280	TLC	1	-	NCS3600, NAV2036A, NAV2036/5004F,NAV2400/2800AI, NAV3400AI, NAV5108AI, NAV08036/072/108A, NTS1004/1006E
OS	WD	WD Black SN850 WDS100T1X0E	1TB	M.2 PCI-E 2280	TLC	1	-	NCS3600, NAV2036A, NAV2036/5004F,NAV2400/2800AI, NAV3400AI, NAV5108AI, NAV08036/072/108A, NTS1004/1006E
OS	WD	WD Black SN850 WDS500G1X0E	500GB	M.2 PCI-E 2280	TLC	1	-	NCS3600, NAV2036A, NAV2036/5004F,NAV2400/2800AI, NAV3400AI, NAV5108AI, NAV08036/072/108A, NTS1004/1006E
OS	WD	WD Black SN850X WDS100T2X0E	1TB	M.2 PCI-E 2280	TLC	1	-	NCS3600, NAV2036A, NAV2036/5004F,NAV2400/2800AI, NAV3400AI, NAV5108AI, NAV08036/072/108A, NTS1004/1006E
OS	Seagate	FireCuda 530	1TB	M.2 PCI-E 2280	TLC	1	-	NCS3600, NAV2036A, NAV2036/5004F,NAV2400/2800AI, NAV3400AI, NAV5108AI, NAV08036/072/108A, NTS1004/1006E
OS	KIOXIA	Exceria G2 Pro SSD	1TB	M.2 PCI-E 2280	TLC	1	-	NCS3600, NAV2036A, NAV2036/5004F,NAV2400/2800AI, NAV3400AI, NAV5108AI, NAV08036/072/108A, NTS1004/1006E
OS	KIOXIA	Exceria G2 SSD	500GB	M.2 PCI-E 2280	TLC	1	-	NCS3600, NAV2036A, NAV2036/5004F,NAV2400/2800AI, NAV3400AI, NAV5108AI, NAV08036/072/108A, NTS1004/1006E
OS	Kingston	FURY Renegade	1TB	M.2 PCI-E 2280	TLC	1	-	NCS3600, NAV2036A, NAV2036/5004F,NAV2400/2800AI, NAV3400AI, NAV5108AI, NAV08036/072/108A, NTS1004/1006E
OS	Solidigm	P44 Pro	1TB	M.2 PCI-E 2280	TLC	1	-	NCS3600, NAV2036A, NAV2036/5004F,NAV2400/2800AI, NAV3400AI, NAV5108AI, NAV08036/072/108A, NTS1004/1006E
OS	Solidigm	P41 Plus	1TB	M.2 PCI-E 2280	TLC	1	-	NCS3600, NAV2036A, NAV2036/5004F,NAV2400/2800AI, NAV3400AI, NAV5108AI, NAV08036/072/108A, NTS1004/1006E
OS	Intel	760p SSD M.2 PCI-E	512GB	M.2 PCI-E 2280	TLC	1	-	NCS3600, NAV2036A, NAV2036/5004F,NAV2400/2800AI, NAV3400AI, NAV5108AI, NAV08036/072/108A, NTS1004/1006E

**Test Environment:**

1. System Version: Win11 23H2
2. System SSD & M.2 Capacity: Reserve space of 40% or more
3. System SSD & M.2 Temperature: Within 55°C

**NOTE:** It is not recommended to continuously operate in extreme temperature environments. Operating at higher temperatures will shorten the product's lifespan.

## NTS1200/A/E, NAV6001AI-M

Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)
Seagate	BarraCuda Pro ST1000LM049	1TB	2.5" SATA 6Gb s	7200rpm	TLC	1	2ch
Seagate	BarraCuda ST1000LM048	1TB	2.5" SATA 6Gb s	5400rpm	TLC	1	2ch
Seagate	SkyHawk 2.5" ST1000LM049	1TB	2.5" SATA 6Gb s	5400rpm	TLC	1	2ch
Seagate	SkyHawk 2.5" ST2000LM049	2TB	2.5" SATA 6Gb s	5400rpm	TLC	1	2ch

### Test Environment:

1. System Version: Win11 23H2
2. Recording HDD Capacity: 10% reserved for loop recording
3. Recording HDD Temperature: Within 55°C
4. System Pressure: Live video streaming + 1 user playback
5. Single Channel Streaming: H.264 4Mbps / 1080p 30FPS + 480p 15FPS; H.265 2Mbps / 1080p 30FPS + 480p 15FPS

**NOTE:** It is not recommended to continuously operate in extreme temperature environments. Operating at higher temperatures will shorten the product's lifespan.

NAV3025/A/H								
Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)	Channel (RAID 5 with 4 HDDs)
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
WD	WD Purple Pro(AI) WD221PURP	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
WD	WD Purple Pro(AI) WD181PURP	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
WD	WD Purple Pro(AI) WD141PURP	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
WD	WD Purple Pro(AI) WD121PURP	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
WD	WD Purple Pro(AI) WD8001PURP	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
WD(HGST)	Ultrastar DC HA210 HUS722T2TALA	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
WD(HGST)	Ultrastar DC HC320 HUS728T8TAL	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
WD(HGST)	Ultrastar DC HC320 HUS726T6TAL	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
WD(HGST)	Ultrastar DC HC330 WUS721010ALE	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
WD(HGST)	Ultrastar DC HC520 HUH721212ALE	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
WD(HGST)	Ultrastar DC HC530 WUH721414AL	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
WD(HGST)	Ultrastar DC HC550 WUH721818AL	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
WD(HGST)	Ultrastar DC HC550 WUH721816AL	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
WD(HGST)	Ultrastar DC HC560 WUH721816AL	20TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
WD(HGST)	Ultrastar DC HC570 WUH722222AL	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
WD	Gold Enterprise WD121KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
WD	Gold Enterprise WD2005FBYZ	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
Seagate	SkyHawk ST8000VX004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	3ch	6ch
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200rpm	CMR	4	4ch	9ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200rpm	CMR	4	4ch	9ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200rpm	CMR	4	4ch	9ch
Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200rpm	CMR	4	4ch	9ch

Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	4	4ch	9ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200rpm	CMR	4	4ch	9ch
Seagate	SkyHawk AI ST8000VE001	8TB	3.5" SATA 6Gb s	7200rpm	CMR	4	4ch	9ch
Seagate	SkyHawk AI ST18000VE002	18TB	3.5" SATA 6Gb s	7200rpm	CMR	4	4ch	9ch
Seagate	IronWolf NAS ST10000VN000	10TB	3.5" SATA 6Gb s	7200rpm	CMR	4	4ch	9ch
Seagate	IronWolf NAS ST8000VN004	8TB	3.5" SATA 6Gb s	7200rpm	CMR	4	4ch	9ch
Seagate	IronWolf Pro NAS ST12000NT001	12TB	3.5" SATA 6Gb s	7200rpm	CMR	4	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NT001	10TB	3.5" SATA 6Gb s	7200rpm	CMR	4	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0004	10TB	3.5" SATA 6Gb s	7200rpm	CMR	4	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	4	6ch	16ch
Seagate	IronWolf Pro NAS ST8000NT001	8TB	3.5" SATA 6Gb s	7200rpm	CMR	4	6ch	16ch
Seagate	IronWolf Pro NAS ST6000NT001	6TB	3.5" SATA 6Gb s	7200rpm	CMR	4	6ch	16ch
Seagate	IronWolf Pro NAS ST4000NT001	4TB	3.5" SATA 6Gb s	7200rpm	CMR	4	6ch	16ch
Seagate	IronWolf Pro NAS ST2000NT001	2TB	3.5" SATA 6Gb s	7200rpm	CMR	4	6ch	16ch
Seagate	Enterprise Exos 7E8 ST8000NM000A	8TB	3.5" SATA 6Gb s	7200rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos 7E8 ST6000NM002A	6TB	3.5" SATA 6Gb s	7200rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos 7E10 ST10000NM017B	10TB	3.5" SATA 6Gb s	7200rpm	CMR	4	9ch	25ch
Seagate	Enterprise Exos X16 ST16000NM001G	16TB	3.5" SATA 6Gb s	7200rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos X16 ST14000NM001G	14TB	3.5" SATA 6Gb s	7200rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos X16 ST12000NM001G	12TB	3.5" SATA 6Gb s	7200rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos X16 ST10000NM001G	10TB	3.5" SATA 6Gb s	7200rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos X18 ST18000NM000J	18TB	3.5" SATA 6Gb s	7200rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos X20 ST20000NM007D	20TB	3.5" SATA 6Gb s	7200rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos X24 ST24000NM002H	24TB	3.5" SATA 6Gb s	7200rpm	PMR	4	9ch	25ch

**Test Environment:**

1. System Version: Win11 23H2
2. Recording HDD Capacity: 10% reserved for loop recording
3. Recording HDD Temperature: Within 55°C
4. System Pressure: Live video streaming + 1 user playback
5. Single Channel Streaming: H.264 4Mbps / 1080p 30FPS + 480p 15FPS; H.265 2Mbps / 1080p 30FPS + 480p 15FPS

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**NCS3600, NCS1440E, NAV2400/2800AI, NAV2036/A/E, NAV2036F**

Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)	Channel (RAID 5 with 4 HDDs)
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD221PURP	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD181PURP	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD141PURP	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD121PURP	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD8001PURP	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD(HGST)	Ultrastar DC HA210 HUS722T2TALA	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD(HGST)	Ultrastar DC HC320 HUS728T8TAL	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD(HGST)	Ultrastar DC HC320 HUS726T6TAL	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD(HGST)	Ultrastar DC HC330 WUS721010ALE	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD(HGST)	Ultrastar DC HC520 HUH721212ALE	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	25ch
WD(HGST)	Ultrastar DC HC530 WUH721414AL	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC550 WUH721818AL	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC550 WUH721816AL	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC560 WUH721816AL	20TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC570 WUH722222AL	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD121KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD2005FBYZ	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Seagate	SkyHawk ST8000VX004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	3ch	6ch
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch

Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST8000VE001	8TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST18000VE002	18TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	IronWolf NAS ST10000VN000	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	IronWolf NAS ST8000VN004	8TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	IronWolf Pro NAS ST12000NT001	12TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NT001	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0004	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST8000NT001	8TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST6000NT001	6TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST4000NT001	4TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST2000NT001	2TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	Enterprise Exos 7E8 ST8000NM000A	8TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E8 ST6000NM002A	6TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E10 ST10000NM017B	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST16000NM001G	16TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST14000NM001G	14TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST12000NM001G	12TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST10000NM001G	10TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X18 ST18000NM000J	18TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X20 ST20000NM007D	20TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X24 ST24000NM002H	24TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch

**Test Environment:**

1. System Version: Win11 23H2
2. Recording HDD Capacity: 10% reserved for loop recording
3. Recording HDD Temperature: Within 55°C
4. System Pressure: Live video streaming + 1 user playback
5. Single Channel Streaming: H.264 4Mbps / 1080p 30FPS + 480p 15FPS; H.265 2Mbps / 1080p 30FPS + 480p 15FPS

**NOTE:** It is not recommended to continuously operate in extreme temperature environments. Operating at higher temperatures will shorten the product's lifespan.

**NAV1036/A, NAV08036/A/E, NAV08072/A/E, NAV08108/A**

Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)	Channel (RAID 5 with 4 HDDs)
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	25ch
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	25ch
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	25ch
WD	WD Purple Pro(AI) WD221PURP	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	25ch
WD	WD Purple Pro(AI) WD181PURP	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	25ch
WD	WD Purple Pro(AI) WD141PURP	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	25ch
WD	WD Purple Pro(AI) WD121PURP	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	25ch
WD	WD Purple Pro(AI) WD8001PURP	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	25ch
WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
WD(HGST)	Ultrastar DC HA210 HUS722T2TALA	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	64ch
WD(HGST)	Ultrastar DC HC320 HUS728T8TAL	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
WD(HGST)	Ultrastar DC HC320 HUS726T6TAL	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
WD(HGST)	Ultrastar DC HC330 WUS721010ALE	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
WD(HGST)	Ultrastar DC HC520 HUH721212ALE	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
WD(HGST)	Ultrastar DC HC530 WUH721414AL	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	108ch
WD(HGST)	Ultrastar DC HC550 WUH721818AL	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	108ch
WD(HGST)	Ultrastar DC HC550 WUH721816AL	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	108ch
WD(HGST)	Ultrastar DC HC560 WUH721816AL	20TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	108ch
WD(HGST)	Ultrastar DC HC570 WUH722222AL	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	108ch
WD	Gold Enterprise WD121KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	108ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	108ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	108ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	108ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	108ch
WD	Gold Enterprise WD2005FBYZ	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	108ch
Seagate	SkyHawk ST8000VX004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	16ch
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	25ch
Seagate	SkyHawk AI ST16000VE001	16TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	25ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	25ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	25ch

Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	25ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	25ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	25ch
Seagate	SkyHawk AI ST18000VE002	18TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	25ch
Seagate	IronWolf NAS ST10000VN000	10TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	16ch
Seagate	IronWolf NAS ST8000VN004	8TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	16ch
Seagate	IronWolf Pro NAS ST12000NT001	12TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NT001	10TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NE0004	10TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	72ch
Seagate	IronWolf Pro NAS ST8000NT001	8TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	72ch
Seagate	IronWolf Pro NAS ST6000NT001	6TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	72ch
Seagate	IronWolf Pro NAS ST4000NT001	4TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	72ch
Seagate	IronWolf Pro NAS ST2000NT001	2TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	72ch
Seagate	Enterprise Exos 7E8 ST8000NM000A	8TB	3.5" SATA 6Gb s	7200rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos 7E8 ST6000NM002A	6TB	3.5" SATA 6Gb s	7200rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos 7E10 ST10000NM017B	10TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	108ch
Seagate	Enterprise Exos X16 ST16000NM001G	16TB	3.5" SATA 6Gb s	7200rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos X16 ST14000NM001G	14TB	3.5" SATA 6Gb s	7200rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos X16 ST12000NM001G	12TB	3.5" SATA 6Gb s	7200rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos X16 ST10000NM001G	10TB	3.5" SATA 6Gb s	7200rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos X18 ST18000NM000J	18TB	3.5" SATA 6Gb s	7200rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos X20 ST20000NM007D	20TB	3.5" SATA 6Gb s	7200rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos X24 ST24000NM002H	24TB	3.5" SATA 6Gb s	7200rpm	PMR	8	N/A	108ch

**Test Environment:**

1. System Version: Win11 23H2
2. Recording HDD Capacity: 10% reserved for loop recording
3. Video HDD Temperature: Within 55°C
4. System Pressure: Live video streaming + 1 user playback
5. Single Channel Streaming: H.264 4Mbps / 1080p 30FPS + 480p 15FPS; H.265 2Mbps / 1080p 30FPS + 480p 15FPS

**NOTE:** It is not recommended to continuously operate in extreme temperature environments. Operating at higher temperatures will shorten the product's lifespan.



## NAV3400AI

Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)	Channel (RAID 5 with 4 HDDs)
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD221PURP	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD181PURP	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD141PURP	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD121PURP	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD8001PURP	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD(HGST)	Ultrastar DC HA210 HUS722T2TALA	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD(HGST)	Ultrastar DC HC320 HUS728T8TAL	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD(HGST)	Ultrastar DC HC320 HUS726T6TAL	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC330 WUS721010ALE	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC520 HUH721212ALE	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC530 WUH721414AL	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC550 WUH721818AL	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC550 WUH721816AL	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC560 WUH721816AL	20TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC570 WUH722222AL	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD121KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD2005FBYZ	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Seagate	SkyHawk ST8000VX004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	SkyHawk AI ST16000VE001	16TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch

Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	SkyHawk AI ST18000VE002	18TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf NAS ST10000VN000	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf NAS ST8000VN004	8TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST12000NT001	12TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NT001	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0004	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST8000NT001	8TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	IronWolf Pro NAS ST6000NT001	6TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	IronWolf Pro NAS ST4000NT001	4TB	3.5" SATA 6Gb s	7200rpm	CMR	3	9ch	25ch
Seagate	IronWolf Pro NAS ST2000NT001	2TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E8 ST8000NM000A	8TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E8 ST6000NM002A	6TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E10 ST10000NM017B	10TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST16000NM001G	16TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST14000NM001G	14TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST12000NM001G	12TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST10000NM001G	10TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X18 ST18000NM000J	18TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X20 ST20000NM007D	20TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X24 ST24000NM002H	24TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch

**Test Environment:**

1. System Version: Win11 23H2
2. Recording HDD Capacity: 10% reserved for loop recording
3. Recording HDD Temperature: Within 55°C
4. System Pressure: Live video streaming + 1 user playback
5. Single Channel Streaming: H.264 4Mbps / 1080p 30FPS + 480p 15FPS; H.265 2Mbps / 1080p 30FPS + 480p 15FPS

**NOTE:** It is not recommended to continuously operate in extreme temperature environments. Operating at higher temperatures will shorten the product's lifespan.

**NAV16036A/B/E, NAV1072/A, NAV16072/A/B/E, NAV16108/A/B/E**

Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)	Channel (RAID 5 with 4 HDDs)
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	25ch
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	25ch
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	25ch
WD	WD Purple Pro(AI) WD221PURP	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	25ch
WD	WD Purple Pro(AI) WD181PURP	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	25ch
WD	WD Purple Pro(AI) WD141PURP	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	25ch
WD	WD Purple Pro(AI) WD121PURP	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	25ch
WD	WD Purple Pro(AI) WD8001PURP	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	25ch
WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
WD(HGST)	Ultrastar DC HA210 HUS722T2TALA	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	64ch
WD(HGST)	Ultrastar DC HC320 HUS728T8TAL	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
WD(HGST)	Ultrastar DC HC320 HUS726T6TAL	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
WD(HGST)	Ultrastar DC HC330 WUS721010ALE	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
WD(HGST)	Ultrastar DC HC520 HUH721212ALE	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
WD(HGST)	Ultrastar DC HC530 WUH721414AL	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	108ch
WD(HGST)	Ultrastar DC HC550 WUH721818AL	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	108ch
WD(HGST)	Ultrastar DC HC550 WUH721816AL	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	108ch
WD(HGST)	Ultrastar DC HC560 WUH721816AL	20TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	108ch
WD(HGST)	Ultrastar DC HC570 WUH722222AL	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	108ch
WD	Gold Enterprise WD121KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	108ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	108ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	108ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	108ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	108ch
WD	Gold Enterprise WD2005FBYZ	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	108ch
Seagate	SkyHawk ST8000VX004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	16ch
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	25ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	25ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	25ch
Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	25ch

Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	25ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	25ch
Seagate	SkyHawk AI ST8000VE001	8TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	25ch
Seagate	SkyHawk AI ST18000VE002	18TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	25ch
Seagate	IronWolf NAS ST10000VN000	10TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	16ch
Seagate	IronWolf NAS ST8000VN004	8TB	3.5" SATA 6Gb s	7200rpm	CMR	8	N/A	16ch
Seagate	IronWolf Pro NAS ST12000NT001	12TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NT001	10TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NE0004	10TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	72ch
Seagate	IronWolf Pro NAS ST8000NT001	8TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	72ch
Seagate	IronWolf Pro NAS ST6000NT001	6TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	72ch
Seagate	IronWolf Pro NAS ST4000NT001	4TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	72ch
Seagate	IronWolf Pro NAS ST2000NT001	2TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	72ch
Seagate	Enterprise Exos 7E8 ST8000NM000A	8TB	3.5" SATA 6Gb s	7200rpm	PMR	16	N/A	108ch
Seagate	Enterprise Exos 7E8 ST6000NM002A	6TB	3.5" SATA 6Gb s	7200rpm	PMR	16	N/A	108ch
Seagate	Enterprise Exos 7E10 ST6000NM000B	6TB	3.5" SATA 6Gb s	7200rpm	CMR	16	N/A	108ch
Seagate	Enterprise Exos X16 ST16000NM001G	16TB	3.5" SATA 6Gb s	7200rpm	PMR	16	N/A	108ch
Seagate	Enterprise Exos X16 ST14000NM001G	14TB	3.5" SATA 6Gb s	7200rpm	PMR	16	N/A	108ch
Seagate	Enterprise Exos X16 ST12000NM001G	12TB	3.5" SATA 6Gb s	7200rpm	PMR	16	N/A	108ch
Seagate	Enterprise Exos X16 ST10000NM001G	10TB	3.5" SATA 6Gb s	7200rpm	PMR	16	N/A	108ch
Seagate	Enterprise Exos X18 ST18000NM000J	18TB	3.5" SATA 6Gb s	7200rpm	PMR	16	N/A	108ch
Seagate	Enterprise Exos X20 ST20000NM007D	20TB	3.5" SATA 6Gb s	7200rpm	PMR	16	N/A	108ch
Seagate	Enterprise Exos X24 ST24000NM002H	24TB	3.5" SATA 6Gb s	7200rpm	PMR	16	N/A	108ch

**Test Environment:**

1. System Version: Win11 23H2
2. Recording HDD Capacity: 10% reserved for loop recording
3. Recording HDD Temperature: Within 55°C
4. System Pressure: Live video streaming + 1 user playback
5. Single Channel Streaming: H.264 4Mbps / 1080p 30FPS + 480p 15FPS; H.265 2Mbps / 1080p 30FPS + 480p 15FPS

**NOTE:** It is not recommended to continuously operate in extreme temperature environments. Operating at higher temperatures will shorten the product's lifespan.

**NAV5004F/EF, NAV5108AI/EAI, NTS1004/E, NTS1006/E**

Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)	Channel (RAID 5 with 4 HDDs)
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD221PURP	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD181PURP	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD141PURP	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD121PURP	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	WD Purple Pro(AI) WD8001PURP	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD(HGST)	Ultrastar DC HA210 HUS722T2TALA	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD(HGST)	Ultrastar DC HC320 HUS728T8TAL	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD(HGST)	Ultrastar DC HC320 HUS726T6TAL	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD(HGST)	Ultrastar DC HC330 WUS721010ALE	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
WD(HGST)	Ultrastar DC HC520 HUH721212ALE	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	25ch
WD(HGST)	Ultrastar DC HC530 WUH721414AL	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC550 WUH721818AL	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC550 WUH721816AL	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC560 WUH721816AL	20TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD(HGST)	Ultrastar DC HC570 WUH722222AL	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD121KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
WD	Gold Enterprise WD2005FBYZ	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Seagate	SkyHawk ST8000VX004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	3ch	6ch
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch

Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST8000VE001	8TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST18000VE002	18TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	IronWolf NAS ST10000VN000	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	IronWolf NAS ST8000VN004	8TB	3.5" SATA 6Gb s	7200rpm	CMR	3	4ch	9ch
Seagate	IronWolf Pro NAS ST12000NT001	12TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NT001	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0004	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST8000NT001	8TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST6000NT001	6TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST4000NT001	4TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST2000NT001	2TB	3.5" SATA 6Gb s	7200rpm	CMR	3	6ch	16ch
Seagate	Enterprise Exos 7E8 ST8000NM000A	8TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E8 ST6000NM002A	6TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E10 ST10000NM017B	10TB	3.5" SATA 6Gb s	7200rpm	CMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST16000NM001G	16TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST14000NM001G	14TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST12000NM001G	12TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST10000NM001G	10TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X18 ST18000NM000J	18TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X20 ST20000NM007D	20TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X24 ST24000NM002H	24TB	3.5" SATA 6Gb s	7200rpm	PMR	3	9ch	25ch

**Test Environment:**

1. System Version: Win11 23H2
2. Recording HDD Capacity: 10% reserved for loop recording
3. Recording HDD Temperature: Within 55°C
4. System Pressure: Live video streaming + 1 user playback
5. Single Channel Streaming: H.264 4Mbps / 1080p 30FPS + 480p 15FPS; H.265 2Mbps / 1080p 30FPS + 480p 15FPS

**NOTE:** It is not recommended to continuously operate in extreme temperature environments. Operating at higher temperatures will shorten the product's lifespan.

**NAV24036A/B, NAV24072/A/B/E, NAV24108C/E, NAV1108/A/B/C**

Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)	Channel (RAID 5 with 4 HDDs)
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	25ch
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	25ch
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	25ch
WD	WD Purple Pro(AI) WD221PURP	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	25ch
WD	WD Purple Pro(AI) WD181PURP	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	25ch
WD	WD Purple Pro(AI) WD141PURP	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	25ch
WD	WD Purple Pro(AI) WD121PURP	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	25ch
WD	WD Purple Pro(AI) WD8001PURP	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	25ch
WD	Red Pro NAS WD121KFBX	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
WD	Red Pro NAS WD102KFBX	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
WD	Red Pro NAS WD8003FFBX	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
WD	Red Pro NAS WD6003FFBX	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
WD	Red Pro NAS WD4003FFBX	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
WD(HGST)	Ultrastar DC HA210 HUS722T2TALA	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	64ch
WD(HGST)	Ultrastar DC HC320 HUS728T8TAL	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
WD(HGST)	Ultrastar DC HC320 HUS726T6TAL	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
WD(HGST)	Ultrastar DC HC330 WUS721010ALE	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
WD(HGST)	Ultrastar DC HC520 HUH721212ALE	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
WD(HGST)	Ultrastar DC HC530 WUH721414AL	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	108ch
WD(HGST)	Ultrastar DC HC550 WUH721818AL	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	108ch
WD(HGST)	Ultrastar DC HC550 WUH721816AL	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	108ch
WD(HGST)	Ultrastar DC HC560 WUH721816AL	20TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	108ch
WD(HGST)	Ultrastar DC HC570 WUH722222AL	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	108ch
WD	Gold Enterprise WD121KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	108ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	108ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	108ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	108ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	108ch
WD	Gold Enterprise WD2005FBYZ	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	108ch
Seagate	SkyHawk ST8000VX004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	16ch
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	25ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	25ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	25ch
Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	25ch

Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	25ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	25ch
Seagate	SkyHawk AI ST8000VE001	8TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	25ch
Seagate	SkyHawk AI ST18000VE002	18TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	25ch
Seagate	IronWolf NAS ST10000VN000	10TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	16ch
Seagate	IronWolf NAS ST8000VN004	8TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	16ch
Seagate	IronWolf Pro NAS ST12000NT001	12TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NT001	10TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NE0004	10TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NE0008	10TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	72ch
Seagate	IronWolf Pro NAS ST8000NT001	8TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	72ch
Seagate	IronWolf Pro NAS ST6000NT001	6TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	72ch
Seagate	IronWolf Pro NAS ST4000NT001	4TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	72ch
Seagate	IronWolf Pro NAS ST2000NT001	2TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	72ch
Seagate	Enterprise Exos 7E8 ST8000NM000A	8TB	3.5" SATA 6Gb s	7200rpm	PMR	24	N/A	108ch
Seagate	Enterprise Exos 7E8 ST6000NM002A	6TB	3.5" SATA 6Gb s	7200rpm	PMR	24	N/A	108ch
Seagate	Enterprise Exos 7E10 ST10000NM017B	10TB	3.5" SATA 6Gb s	7200rpm	PMR	24	N/A	108ch
Seagate	Enterprise Exos 7E10 ST6000NM000B	6TB	3.5" SATA 6Gb s	7200rpm	CMR	24	N/A	108ch
Seagate	Enterprise Exos X16 ST16000NM001G	16TB	3.5" SATA 6Gb s	7200rpm	PMR	24	N/A	108ch
Seagate	Enterprise Exos X16 ST14000NM001G	14TB	3.5" SATA 6Gb s	7200rpm	PMR	24	N/A	108ch
Seagate	Enterprise Exos X16 ST12000NM001G	12TB	3.5" SATA 6Gb s	7200rpm	PMR	24	N/A	108ch
Seagate	Enterprise Exos X16 ST10000NM001G	10TB	3.5" SATA 6Gb s	7200rpm	PMR	24	N/A	108ch
Seagate	Enterprise Exos X18 ST18000NM000J	18TB	3.5" SATA 6Gb s	7200rpm	PMR	24	N/A	108ch
Seagate	Enterprise Exos X20 ST20000NM007D	20TB	3.5" SATA 6Gb s	7200rpm	PMR	24	N/A	108ch
Seagate	Enterprise Exos X24 ST24000NM002H	24TB	3.5" SATA 6Gb s	7200rpm	PMR	24	N/A	108ch

**Test Environment:**

1. System Version: Win11 23H2
2. Recording HDD Capacity: 10% reserved for loop recording
3. Recording HDD Temperature: Within 55°C
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