

OS or Storage	Brand	Model #	Capacity	Interface	Format	Bay	Channel	NAV 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 AP-S25KZ701TB-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	-	All Models
OS	WD	WD Black SN750 WDS500G3X0C	500GB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	WD	WD Black SN850 WDS100T1X0E	1TB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	WD	WD Black SN850 WDS500G1X0E	500GB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	WD	WD Black SN850X WDS100T2X0E	1TB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	Seagate	FireCuda 530	1TB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	KIOXIA	Exceria G2 Pro SSD	1TB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	KIOXIA	Exceria G2 SSD (ECFA17.3)	1TB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	KIOXIA	Exceria G2 SSD (ECFA17.3)	500GB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	Kingston	FURY Renegade	1TB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	Kingston	KC3000	1TB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	Kingston	NV3 500GB(SNV3S/500G)	500GB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	Solidigm	P44 Pro	1TB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	Solidigm	P41 Plus	1TB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	Intel	760p SSD M.2 PCI-E	512GB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	SMART Modular	FDMP8256GTCXB182(CP2700)	256GB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	SSSTC	MSSSTCM280256GPE(PL1)	256GB	M.2 PCI-E 2280	TLC	1	-	All Models
OS	SAMSUNG	870 EVO (ISO SVQ02B6Q)	500GB	2.5" SATA 6Gb s	TLC	1	-	All Models

測試環境：
1. 系統版本：Win11 25H2
2. 軟體版本：5.0.0.182
3. 系統SSD容量：保留空間40%以上
4. 系統SSD溫度：55度內
註：不建議在極端溫度環境下持續運作，在較高溫下運作會縮短產品的使用年限。

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	7200 rpm	TLC	1	6ch
Seagate	BarraCuda ST1000LM048	1TB	2.5" SATA 6Gb s	5400 rpm	TLC	1	4ch
Seagate	SkyHawk 2.5" ST1000LM049	1TB	2.5" SATA 6Gb s	5400 rpm	TLC	1	4ch
Seagate	SkyHawk 2.5" ST2000LM049	2TB	2.5" SATA 6Gb s	5400 rpm	TLC	1	4ch

測試環境： 1. 系統版本：Windows11 25H2 2. 軟體版本：5.0.0.182 3. 錄影HDD容量：循環錄影保留10% 4. 錄影HDD溫度：55度內 5. 系統壓力：即時影像 + 1個使用者回放（錄影硬碟 關閉Windows硬碟磁碟索引） 6. Intel RAID：軟體Intel RAID 5 目前不建議使用。 7. 單ch串流：H.264 4Mbps / 1080p 30FPS + 480p 15FPS； H.265 2Mbps / 1080p 30FPS + 480p 15FPS 註：不建議在極端溫度環境下持續運作，在較高溫下運作會縮短產品的使用年限。

NAV3025/A/H								
Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)	Channel (RAID 5)
WD	Purple Surveillance AI WD181PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
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 HC340 WUS721208BLE	8TB	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 WD8005FRYZ(Ultrastar)	8TB	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	4ch	9ch
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch

Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
Seagate	SkyHawk AI ST8000VE001	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
Seagate	SkyHawk AI ST18000VE002	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
Seagate	IronWolf NAS ST10000VN000	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
Seagate	IronWolf NAS ST8000VN004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
Seagate	IronWolf Pro NAS ST12000NT001	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NT001	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0004	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0008	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
Seagate	IronWolf Pro NAS ST8000NT001	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
Seagate	IronWolf Pro NAS ST6000NT001	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
Seagate	IronWolf Pro NAS ST4000NT001	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
Seagate	IronWolf Pro NAS ST2000NT001	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	6ch	16ch
Seagate	Enterprise Exos 7E8 ST8000NM000A	8TB	3.5" SATA 6Gb s	7200 rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos 7E8 ST6000NM002A	6TB	3.5" SATA 6Gb s	7200 rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos 7E10 ST10000NM017B (SN01)	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
Seagate	Enterprise Exos 7E10 ST10000NM017B (SN03)	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
Seagate	Enterprise Exos 7E10 ST6000NM000B	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
Seagate	Enterprise Exos X16 ST16000NM001G	16TB	3.5" SATA 6Gb s	7200 rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos X16 ST14000NM001G	14TB	3.5" SATA 6Gb s	7200 rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos X16 ST12000NM001G	12TB	3.5" SATA 6Gb s	7200 rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos X16 ST10000NM001G	10TB	3.5" SATA 6Gb s	7200 rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos X18 ST18000NM000J	18TB	3.5" SATA 6Gb s	7200 rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos X20 ST20000NM007D	20TB	3.5" SATA 6Gb s	7200 rpm	PMR	4	9ch	25ch
Seagate	Enterprise Exos X24 ST24000NM002H	24TB	3.5" SATA 6Gb s	7200 rpm	PMR	4	9ch	25ch
Toshiba	Surveillance S300 Pro HDWTA1AUZSVA	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
Toshiba	Surveillance S300 Pro HDWTA80UZSVA	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
Toshiba	Surveillance S300 Pro HDWTA60UZSVA	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
Toshiba	Surveillance S300 Pro HDWTA40UZSVA	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	4ch	9ch
Toshiba	Enterprise MG Series MG11ACA24TE	24TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA18TE	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA16TE	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA14TE	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA12TE	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
Toshiba	Enterprise MG Series MG10ADA10TE	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
Toshiba	Enterprise MG Series MG10ADA800E	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
Toshiba	Enterprise MG Series MG10ADA600E	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch

Toshiba	Enteprise MG Series MG10ADA400E	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch
Toshiba	Enteprise MG Series MG10ADA200E	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	4	9ch	25ch

測試環境：

1. 系統版本：Windows11 25H2

2. 軟體版本：5.0.0.182

3. 錄影HDD容量：循環錄影保留10%

4. 錄影HDD溫度：55度內

5. 系統壓力：即時影像 + 1個使用者回放 (錄影硬碟 關閉Windows硬碟磁碟索引)

6. Intel RAID：軟體Intel RAID 5 目前不建議使用。

7. 單ch串流：H.264 4Mbps / 1080p 30FPS + 480p 15FPS； H.265 2Mbps / 1080p 30FPS + 480p 15FPS

註：不建議在極端溫度環境下持續運作，在較高溫下運作會縮短產品的使用年限。

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

Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)	Channel (RAID 5)
WD	Purple Surveillance AI WD181PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
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 HC340 WUS721208BLE	8TB	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 WD8005FRYZ(Ultrastar)	8TB	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	7200 rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch

Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST8000VE001	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST18000VE002	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	IronWolf NAS ST10000VN000	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	IronWolf NAS ST8000VN004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	IronWolf Pro NAS ST12000NT001	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NT001	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0004	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0008	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST8000NT001	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST6000NT001	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST4000NT001	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST2000NT001	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	Enterprise Exos 7E8 ST8000NM000A	8TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E8 ST6000NM002A	6TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E10 ST10000NM017B (SN01)	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Seagate	Enterprise Exos 7E10 ST10000NM017B (SN03)	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Seagate	Enterprise Exos 7E10 ST6000NM000B	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST16000NM001G	16TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST14000NM001G	14TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST12000NM001G	12TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST10000NM001G	10TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X18 ST18000NM000J	18TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X20 ST20000NM007D	20TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X24 ST24000NM002H	24TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Toshiba	Surveillance S300 Pro HDWTA1AUZSVA	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Toshiba	Surveillance S300 Pro HDWTA80UZSVA	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Toshiba	Surveillance S300 Pro HDWTA60UZSVA	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Toshiba	Surveillance S300 Pro HDWTA40UZSVA	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Toshiba	Enterprise MG Series MG11ACA24TE	24TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA18TE	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA16TE	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA14TE	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA12TE	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG10ADA10TE	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG10ADA800E	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch

Toshiba	Enteprise MG Series MG10ADA600E	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enteprise MG Series MG10ADA400E	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enteprise MG Series MG10ADA200E	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch

測試環境：

- 1. 系統版本：Windows11 25H2
- 2. 軟體版本：5.0.0.182
- 3. 錄影HDD容量：循環錄影保留10%
- 4. 錄影HDD溫度：55度內
- 5. 系統壓力：即時影像 + 1個使用者回放 (錄影硬碟 關閉Windows硬碟磁碟索引)
- 6. Intel RAID：軟體Intel RAID 5 目前不建議使用。
- 7. 單ch串流：H.264 4Mbps / 1080p 30FPS + 480p 15FPS； H.265 2Mbps / 1080p 30FPS + 480p 15FPS

註：不建議在極端溫度環境下持續運作，在較高溫下運作會縮短產品的使用年限。

NAV1036/A, NAV08036/A/E, NAV08072/A/E, NAV08108/A, NAV08630

Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)	Channel (RAID 5)
WD	Purple Surveillance AI WD181PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
WD	WD Purple Pro(AI) WD221PURP	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
WD	WD Purple Pro(AI) WD181PURP	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
WD	WD Purple Pro(AI) WD141PURP	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
WD	WD Purple Pro(AI) WD121PURP	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
WD	WD Purple Pro(AI) WD8001PURP	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
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 HC340 WUS721208BLE	8TB	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 WD8005FRYZ(Ultrastar)	8TB	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	7200 rpm	CMR	8	N/A	36ch
Seagate	SkyHawk AI ST16000VE001	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch

Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
Seagate	SkyHawk AI ST18000VE002	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
Seagate	IronWolf NAS ST10000VN000	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	25ch
Seagate	IronWolf NAS ST8000VN004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	25ch
Seagate	IronWolf Pro NAS ST12000NT001	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NT001	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NE0004	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NE0008	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Seagate	IronWolf Pro NAS ST8000NT001	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Seagate	IronWolf Pro NAS ST6000NT001	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Seagate	IronWolf Pro NAS ST4000NT001	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Seagate	IronWolf Pro NAS ST2000NT001	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Seagate	Enterprise Exos 7E8 ST8000NM000A	8TB	3.5" SATA 6Gb s	7200 rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos 7E8 ST6000NM002A	6TB	3.5" SATA 6Gb s	7200 rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos 7E10 ST10000NM017B (SN01)	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	108ch
Seagate	Enterprise Exos 7E10 ST10000NM017B (SN03)	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	108ch
Seagate	Enterprise Exos 7E10 ST6000NM000B	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	108ch
Seagate	Enterprise Exos X16 ST16000NM001G	16TB	3.5" SATA 6Gb s	7200 rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos X16 ST14000NM001G	14TB	3.5" SATA 6Gb s	7200 rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos X16 ST12000NM001G	12TB	3.5" SATA 6Gb s	7200 rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos X16 ST10000NM001G	10TB	3.5" SATA 6Gb s	7200 rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos X18 ST18000NM000J	18TB	3.5" SATA 6Gb s	7200 rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos X20 ST20000NM007D	20TB	3.5" SATA 6Gb s	7200 rpm	PMR	8	N/A	108ch
Seagate	Enterprise Exos X24 ST24000NM002H	24TB	3.5" SATA 6Gb s	7200 rpm	PMR	8	N/A	108ch
Toshiba	Surveillance S300 Pro HDWTA1AUZSVA	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
Toshiba	Surveillance S300 Pro HDWTA80UZSVA	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
Toshiba	Surveillance S300 Pro HDWTA60UZSVA	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
Toshiba	Surveillance S300 Pro HDWTA40UZSVA	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	36ch
Toshiba	Enterprise MG Series MG11ACA24TE	24TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Toshiba	Enterprise MG Series MG09ACA18TE	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Toshiba	Enterprise MG Series MG09ACA16TE	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Toshiba	Enterprise MG Series MG09ACA14TE	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Toshiba	Enterprise MG Series MG09ACA12TE	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Toshiba	Enterprise MG Series MG10ADA10TE	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Toshiba	Enterprise MG Series MG10ADA800E	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch

Toshiba	Enteprise MG Series MG10ADA600E	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Toshiba	Enteprise MG Series MG10ADA400E	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch
Toshiba	Enteprise MG Series MG10ADA200E	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	8	N/A	72ch

測試環境：

- 系統版本：Windows11 25H2
- 軟體版本：5.0.0.182
- 錄影HDD容量：循環錄影保留10%
- 錄影HDD溫度：55度內
- 系統壓力：即時影像 + 1個使用者回放 (錄影硬碟 關閉Windows硬碟磁碟索引)
- RAID條件：所有硬碟已安裝並配置為RAID 5的條件下進行的
- 單ch串流：H.264 4Mbps / 1080p 30FPS + 480p 15FPS； H.265 2Mbps / 1080p 30FPS + 480p 15FPS

註：不建議在極端溫度環境下持續運作，在較高溫下運作會縮短產品的使用年限。

Windows10 2004 版本以前・RAID 5 模式總容量126TB上限

Windows10 20H1 版本以後・RAID 5 模式總容量256TB上限

Windows11 22H2 版本以後・RAID 5 模式總容量不限制容量 (當硬體支援JBOD模式，最高32顆硬碟做一組RAID 5)

註：建議總容量不要超過256TB, 因為硬碟故障的重建時間會很久, 請謹慎評估。

NAV3400AI								
Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)	Channel (RAID 5)
WD	Purple Surveillance AI WD181PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
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 HC340 WUS721208BLE	8TB	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 WD8005FRYZ(Ultrastar)	8TB	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	7200 rpm	CMR	3	6ch	16ch
Seagate	SkyHawk AI ST16000VE001	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch

Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	SkyHawk AI ST18000VE002	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf NAS ST10000VN000	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf NAS ST8000VN004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST12000NT001	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NT001	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0004	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0008	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST8000NT001	8TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	IronWolf Pro NAS ST6000NT001	6TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	IronWolf Pro NAS ST4000NT001	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Seagate	IronWolf Pro NAS ST2000NT001	2TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E8 ST8000NM000A	8TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E8 ST6000NM002A	6TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E10 ST10000NM017B (SN01)	10TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E10 ST10000NM017B (SN03)	10TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E10 ST6000NM000B	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST16000NM001G	16TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST14000NM001G	14TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST12000NM001G	12TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST10000NM001G	10TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X18 ST18000NM000J	18TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X20 ST20000NM007D	20TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X24 ST24000NM002H	24TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Toshiba	Surveillance S300 Pro HDWTA1AUZSVA	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Toshiba	Surveillance S300 Pro HDWTA80UZSVA	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Toshiba	Surveillance S300 Pro HDWTA60UZSVA	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Toshiba	Surveillance S300 Pro HDWTA40UZSVA	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Toshiba	Enterprise MG Series MG11ACA24TE	24TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA18TE	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA16TE	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA14TE	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA12TE	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG10ADA10TE	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG10ADA800E	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch

Toshiba	Enteprise MG Series MG10ADA600E	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enteprise MG Series MG10ADA400E	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enteprise MG Series MG10ADA200E	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch

測試環境：

1. 系統版本：Windows11 25H2

2. 軟體版本：5.0.0.182

3. 錄影HDD容量：循環錄影保留10%

4. 錄影HDD溫度：55度內

5. 系統壓力：即時影像 + 1個使用者回放 (錄影硬碟 關閉Windows硬碟磁碟索引)

6. Intel RAID：軟體Intel RAID 5 目前不建議使用。

7. 單ch串流：H.264 4Mbps / 1080p 30FPS + 480p 15FPS； H.265 2Mbps / 1080p 30FPS + 480p 15FPS

註：不建議在極端溫度環境下持續運作，在較高溫下運作會縮短產品的使用年限。

NAV16036A/B/E, NAV1072/A, NAV16072/A/B/E, NAV16108/A/B/E, NAV16630

Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)	Channel (RAID 5)
WD	Purple Surveillance AI WD181PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
WD	WD Purple Pro(AI) WD221PURP	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
WD	WD Purple Pro(AI) WD181PURP	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
WD	WD Purple Pro(AI) WD141PURP	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
WD	WD Purple Pro(AI) WD121PURP	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
WD	WD Purple Pro(AI) WD8001PURP	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
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 HUS72T2TALA	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 HC340 WUS721208BLE	8TB	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	128ch
WD(HGST)	Ultrastar DC HC550 WUH721818AL	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
WD(HGST)	Ultrastar DC HC550 WUH721816AL	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
WD(HGST)	Ultrastar DC HC560 WUH721816AL	20TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
WD(HGST)	Ultrastar DC HC570 WUH722222AL	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
WD	Gold Enterprise WD121KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
WD	Gold Enterprise WD8005FRYZ(Ultrastar)	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
WD	Gold Enterprise WD2005FBYZ	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
Seagate	SkyHawk ST8000VX004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	25ch
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch

Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
Seagate	SkyHawk AI ST8000VE001	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
Seagate	SkyHawk AI ST18000VE002	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
Seagate	IronWolf NAS ST10000VN000	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	25ch
Seagate	IronWolf NAS ST8000VN004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	25ch
Seagate	IronWolf Pro NAS ST12000NT001	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NT001	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NE0004	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NE0008	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
Seagate	IronWolf Pro NAS ST8000NT001	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
Seagate	IronWolf Pro NAS ST6000NT001	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
Seagate	IronWolf Pro NAS ST4000NT001	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
Seagate	IronWolf Pro NAS ST2000NT001	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	72ch
Seagate	Enterprise Exos 7E8 ST8000NM000A	8TB	3.5" SATA 6Gb s	7200 rpm	PMR	16	N/A	128ch
Seagate	Enterprise Exos 7E8 ST6000NM002A	6TB	3.5" SATA 6Gb s	7200 rpm	PMR	16	N/A	128ch
Seagate	Enterprise Exos 7E10 ST10000NM017B (SN01)	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
Seagate	Enterprise Exos 7E10 ST10000NM017B (SN03)	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
Seagate	Enterprise Exos 7E10 ST6000NM000B	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
Seagate	Enterprise Exos X16 ST16000NM001G	16TB	3.5" SATA 6Gb s	7200 rpm	PMR	16	N/A	128ch
Seagate	Enterprise Exos X16 ST14000NM001G	14TB	3.5" SATA 6Gb s	7200 rpm	PMR	16	N/A	128ch
Seagate	Enterprise Exos X16 ST12000NM001G	12TB	3.5" SATA 6Gb s	7200 rpm	PMR	16	N/A	128ch
Seagate	Enterprise Exos X16 ST10000NM001G	10TB	3.5" SATA 6Gb s	7200 rpm	PMR	16	N/A	128ch
Seagate	Enterprise Exos X18 ST18000NM000J	18TB	3.5" SATA 6Gb s	7200 rpm	PMR	16	N/A	128ch
Seagate	Enterprise Exos X20 ST20000NM007D	20TB	3.5" SATA 6Gb s	7200 rpm	PMR	16	N/A	128ch
Seagate	Enterprise Exos X24 ST24000NM002H	24TB	3.5" SATA 6Gb s	7200 rpm	PMR	16	N/A	128ch
Toshiba	Surveillance S300 Pro HDWTA1AUZSVA	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
Toshiba	Surveillance S300 Pro HDWTA80UZSVA	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
Toshiba	Surveillance S300 Pro HDWTA60UZSVA	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
Toshiba	Surveillance S300 Pro HDWTA40UZSVA	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	36ch
Toshiba	Enterprise MG Series MG11ACA24TE	24TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
Toshiba	Enterprise MG Series MG09ACA18TE	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
Toshiba	Enterprise MG Series MG09ACA16TE	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
Toshiba	Enterprise MG Series MG09ACA14TE	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
Toshiba	Enterprise MG Series MG09ACA12TE	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
Toshiba	Enterprise MG Series MG10ADA10TE	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
Toshiba	Enterprise MG Series MG10ADA800E	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch

Toshiba	Enteprise MG Series MG10ADA600E	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
Toshiba	Enteprise MG Series MG10ADA400E	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch
Toshiba	Enteprise MG Series MG10ADA200E	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	16	N/A	128ch

測試環境：

- 系統版本：Windows11 25H2
- 軟體版本：5.0.0.182
- 錄影HDD容量：循環錄影保留10%
- 錄影HDD溫度：55度內
- 系統壓力：即時影像 + 1個使用者回放 (錄影硬碟 關閉Windows硬碟磁碟索引)
- RAID條件：所有硬碟已安裝並配置為RAID 5的條件下進行的
- 單ch串流：H.264 4Mbps / 1080p 30FPS + 480p 15FPS； H.265 2Mbps / 1080p 30FPS + 480p 15FPS

註：不建議在極端溫度環境下持續運作，在較高溫下運作會縮短產品的使用年限。

Windows10 2004 版本以前・RAID 5 模式總容量126TB上限

Windows10 20H1 版本以後・RAID 5 模式總容量256TB上限

Windows11 22H2 版本以後・RAID 5 模式總容量不限制容量 (當硬體支援JBOD模式，最高32顆硬碟做一組RAID 5)

註：建議總容量不要超過256TB, 因為硬碟故障的重建時間會很久, 請謹慎評估。

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

Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)	Channel (RAID 5)
WD	Purple Surveillance AI WD181PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
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 HC340 WUS721208BLE	8TB	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 WD8005FRYZ(Ultrastar)	8TB	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	7200 rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch

Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST8000VE001	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	SkyHawk AI ST18000VE002	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	IronWolf NAS ST10000VN000	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	IronWolf NAS ST8000VN004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Seagate	IronWolf Pro NAS ST12000NT001	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NT001	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0004	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST10000NE0008	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST8000NT001	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST6000NT001	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST4000NT001	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	IronWolf Pro NAS ST2000NT001	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	6ch	16ch
Seagate	Enterprise Exos 7E8 ST8000NM000A	8TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E8 ST6000NM002A	6TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos 7E10 ST10000NM017B (SN01)	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Seagate	Enterprise Exos 7E10 ST10000NM017B (SN03)	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Seagate	Enterprise Exos 7E10 ST6000NM000B	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	N/A	25ch
Seagate	Enterprise Exos X16 ST16000NM001G	16TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST14000NM001G	14TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST12000NM001G	12TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X16 ST10000NM001G	10TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X18 ST18000NM000J	18TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X20 ST20000NM007D	20TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Seagate	Enterprise Exos X24 ST24000NM002H	24TB	3.5" SATA 6Gb s	7200 rpm	PMR	3	9ch	25ch
Toshiba	Surveillance S300 Pro HDWTA1AUZSVA	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Toshiba	Surveillance S300 Pro HDWTA80UZSVA	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Toshiba	Surveillance S300 Pro HDWTA60UZSVA	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Toshiba	Surveillance S300 Pro HDWTA40UZSVA	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	4ch	9ch
Toshiba	Enterprise MG Series MG11ACA24TE	24TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA18TE	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA16TE	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA14TE	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG09ACA12TE	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG10ADA10TE	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enterprise MG Series MG10ADA800E	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch

Toshiba	Enteprise MG Series MG10ADA600E	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enteprise MG Series MG10ADA400E	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch
Toshiba	Enteprise MG Series MG10ADA200E	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	3	9ch	25ch

測試環境：

1. 系統版本：Windows11 25H2

2. 軟體版本：5.0.0.182

3. 錄影HDD容量：循環錄影保留10%

4. 錄影HDD溫度：55度內

5. 系統壓力：即時影像 + 1個使用者回放 (錄影硬碟 關閉Windows硬碟磁碟索引)

6. Intel RAID：軟體Intel RAID 5 目前不建議使用。

7. 單ch串流：H.264 4Mbps / 1080p 30FPS + 480p 15FPS； H.265 2Mbps / 1080p 30FPS + 480p 15FPS

註：不建議在極端溫度環境下持續運作，在較高溫下運作會縮短產品的使用年限。

NAV24036A/B, NAV24072/A/B/E, NAV24108C/E, NAV1108/A/B/C, NAV1128D, NAV24630/A

Brand	Model #	Capacity	Interface	RPM Class	Format	Bay	Channel (per HDD)	Channel (RAID 5)
WD	Purple Surveillance AI WD181PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
WD	Purple Surveillance AI WD180PURZ	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
WD	Purple Surveillance AI WD121PURZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
WD	Purple Surveillance AI WD82PURZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
WD	WD Purple Pro(AI) WD221PURP	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
WD	WD Purple Pro(AI) WD181PURP	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
WD	WD Purple Pro(AI) WD141PURP	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
WD	WD Purple Pro(AI) WD121PURP	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
WD	WD Purple Pro(AI) WD8001PURP	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
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 HC340 WUS721208BLE	8TB	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	128ch
WD(HGST)	Ultrastar DC HC550 WUH721818AL	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
WD(HGST)	Ultrastar DC HC550 WUH721816AL	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
WD(HGST)	Ultrastar DC HC560 WUH721816AL	20TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
WD(HGST)	Ultrastar DC HC570 WUH722222AL	22TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
WD	Gold Enterprise WD121KRYZ	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
WD	Gold Enterprise WD102KRYZ	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
WD	Gold Enterprise WD8005FRYZ(Ultrastar)	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
WD	Gold Enterprise WD8004FRYZ	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
WD	Gold Enterprise WD6003FRYZ	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
WD	Gold Enterprise WD4003FRYZ	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
WD	Gold Enterprise WD2005FBYZ	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
Seagate	SkyHawk ST8000VX004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	25ch
Seagate	SkyHawk AI ST16000VE000	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
Seagate	SkyHawk AI ST16000VE002	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
Seagate	SkyHawk AI ST14000VE0008	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch

Seagate	SkyHawk AI ST12000VE0008	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
Seagate	SkyHawk AI ST10000VE0008	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
Seagate	SkyHawk AI ST8000VE000	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
Seagate	SkyHawk AI ST8000VE001	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
Seagate	SkyHawk AI ST18000VE002	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
Seagate	IronWolf NAS ST10000VN000	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	25ch
Seagate	IronWolf NAS ST8000VN004	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	25ch
Seagate	IronWolf Pro NAS ST12000NT001	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NT001	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NE0004	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
Seagate	IronWolf Pro NAS ST10000NE0008	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
Seagate	IronWolf Pro NAS ST8000NT001	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
Seagate	IronWolf Pro NAS ST6000NT001	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
Seagate	IronWolf Pro NAS ST4000NT001	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
Seagate	IronWolf Pro NAS ST2000NT001	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	72ch
Seagate	Enterprise Exos 7E8 ST8000NM000A	8TB	3.5" SATA 6Gb s	7200 rpm	PMR	24	N/A	128ch
Seagate	Enterprise Exos 7E8 ST6000NM002A	6TB	3.5" SATA 6Gb s	7200 rpm	PMR	24	N/A	128ch
Seagate	Enterprise Exos 7E10 ST10000NM017B (SN01)	10TB	3.5" SATA 6Gb s	7200 rpm	PMR	24	N/A	128ch
Seagate	Enterprise Exos 7E10 ST10000NM017B (SN03)	10TB	3.5" SATA 6Gb s	7200 rpm	PMR	24	N/A	128ch
Seagate	Enterprise Exos 7E10 ST6000NM000B	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
Seagate	Enterprise Exos X16 ST16000NM001G	16TB	3.5" SATA 6Gb s	7200 rpm	PMR	24	N/A	128ch
Seagate	Enterprise Exos X16 ST14000NM001G	14TB	3.5" SATA 6Gb s	7200 rpm	PMR	24	N/A	128ch
Seagate	Enterprise Exos X16 ST12000NM001G	12TB	3.5" SATA 6Gb s	7200 rpm	PMR	24	N/A	128ch
Seagate	Enterprise Exos X16 ST10000NM001G	10TB	3.5" SATA 6Gb s	7200 rpm	PMR	24	N/A	128ch
Seagate	Enterprise Exos X18 ST18000NM000J	18TB	3.5" SATA 6Gb s	7200 rpm	PMR	24	N/A	128ch
Seagate	Enterprise Exos X20 ST20000NM007D	20TB	3.5" SATA 6Gb s	7200 rpm	PMR	24	N/A	128ch
Seagate	Enterprise Exos X24 ST24000NM002H	24TB	3.5" SATA 6Gb s	7200 rpm	PMR	24	N/A	128ch
Toshiba	Surveillance S300 Pro HDWTA1AUZSVA	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
Toshiba	Surveillance S300 Pro HDWTA80UZSVA	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
Toshiba	Surveillance S300 Pro HDWTA60UZSVA	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
Toshiba	Surveillance S300 Pro HDWTA40UZSVA	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	36ch
Toshiba	Enterprise MG Series MG11ACA24TE	24TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
Toshiba	Enterprise MG Series MG09ACA18TE	18TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
Toshiba	Enterprise MG Series MG09ACA16TE	16TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
Toshiba	Enterprise MG Series MG09ACA14TE	14TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
Toshiba	Enterprise MG Series MG09ACA12TE	12TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
Toshiba	Enterprise MG Series MG10ADA10TE	10TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
Toshiba	Enterprise MG Series MG10ADA800E	8TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch

Toshiba	Enteprise MG Series MG10ADA600E	6TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
Toshiba	Enteprise MG Series MG10ADA400E	4TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch
Toshiba	Enteprise MG Series MG10ADA200E	2TB	3.5" SATA 6Gb s	7200 rpm	CMR	24	N/A	128ch

測試環境：

- 系統版本：Windows11 25H2
- 軟體版本：5.0.0.182
- 錄影HDD容量：循環錄影保留10%
- 錄影HDD溫度：55度內
- 系統壓力：即時影像 + 1個使用者回放 (錄影硬碟 關閉Windows硬碟磁碟索引)
- RAID條件：所有硬碟已安裝並配置為RAID 5的條件下進行的
- 單ch串流：H.264 4Mbps / 1080p 30FPS + 480p 15FPS； H.265 2Mbps / 1080p 30FPS + 480p 15FPS

註：不建議在極端溫度環境下持續運作，在較高溫下運作會縮短產品的使用年限。

Windows10 2004 版本以前・RAID 5 模式總容量126TB上限

Windows10 20H1 版本以後・RAID 5 模式總容量256TB上限

Windows11 22H2 版本以後・RAID 5 模式總容量不限制容量 (當硬體支援JBOD模式，最高32顆硬碟做一組RAID 5)

註：建議總容量不要超過256TB, 因為硬碟故障的重建時間會很久, 請謹慎評估。