




NUUO NH-4500 Known Issues and Troubleshooting Tips

1. In NUUO driver DVD, the “**Watchdog timer**” is a watchdog interface between NUUO Mainconsole and PC. When Mainconsole hang or no response, the watchdog will reboot PC so can recover system. It has been installed by default when manufactured. Watchdog timer is only available on NH-4500-PRO, NH-4510-PRO and NH-4500-ENT.
2. In NUUO Driver DVD, the “**Intel Rapid Storage Technology**” (**Intel RST**) speeds up the response time of HDD tray swap detection. After installed it, please reboot NH-4500 server. It has been installed by default when manufactured.
3. **Intel RST** can also build a software RAID, but it has below limitation:
 - a. In NH4500-ENT, HDD tray No.6 cannot be built into a same RAID with HDD tray No.1~5.
 - b. In NH4500-EXT, HDD tray No.6, 7, 8 cannot be built into a same RAID with HDD tray No.1~5.
4. DVR card combination

NUUO DVR Card	SCB 8000 Series	SCB 7000S/ 6000S Series			SCB 7100 Series	
						
Model	8004HD	7004S 6004S	7008S 6008S	7016S 6016S	7108	7116
Video inputs	4	4	8	16	8	16
Max. Cards	4	4	4	4	1	1
Max. input per system	16	64			16	

Max when mixed : 52 ch Max when mixed : 64 ch

5. Default setting of dip switch (NH-4500-PRO / NH-4500-ENT)

Table 4.14: SW1, Backplane Protocol/ 底板协议 / 背板協定	
SW1-1	OFF (N/A)
SW1-2	ON (ON: SGPIO (default); OFF: I2C)
SW1-3	OFF (N/A)
SW1-4	OFF (N/A)

6. Default setting of dip switch (NH-4500-EXT)

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Table 5.4: SW1 ~ 3

SW1.Pin1	SW1.Pin2	SW1.Pin3	Cable Status 线缆状态 線纜狀態	MB FAN 主板風扇 主板風扇	CPU TEMP CPU 溫度 CPU 溫度
OFF	OFF	OFF	No Connect 未连接 未連接	Disable	Disable
OFF	OFF	ON	Connect/ 连接 / 連接	Disable/ 禁用	1
OFF	ON	OFF	Connect/ 连接 / 連接	Disable/ 禁用	2
OFF	ON	ON	Connect/ 连接 / 連接	1	1(Default) 1 (默认值) 1 (預設值)
ON	OFF	OFF	Connect/ 连接 / 連接	2	1
ON	OFF	ON	Connect/ 连接 / 連接	2	2
ON	ON	OFF	Connect/ 连接 / 連接	3	1
ON	ON	ON	Connect/ 连接 / 連接	3	2

Table 5.5: SW4 ~ 6

SW1.Pin4	SW1.Pin5	SW1.Pin6	SYS FAN Qty 系统風扇數量 系統風扇數量
OFF	OFF	OFF	Disable/ 禁用
OFF	OFF	ON	1 (FAN1)
OFF	ON	OFF	2 (FAN1~2) (Default) 2 (FAN1~2) (默认值) 2 (FAN1~2) (預設值)
OFF	ON	ON	3 (FAN1~3)
ON	OFF	OFF	4 (FAN1~4)
ON	OFF	ON	5 (FAN1~5)
ON	ON	OFF	6 (FAN1~6)
ON	ON	ON	7 (FAN1~7)

Table 5.6: SW7 ~ 9

SW1.Pin7	SW1.Pin8	SW1.Pin9	TEMP Qty 热敏电阻數量 熱敏電阻數量
OFF	OFF	OFF	Disable/ 禁用
OFF	OFF	ON	1 (TR1) (Default) 1 (TR1) (默认值) 1 (TR1) (預設值)
ON	ON	OFF	2 (TR1~2)
ON	ON	ON	3 (TR1~3)
ON	OFF	OFF	4 (TR1~4)

Table 5.7: SW10

SW1.Pin10	Smart FAN/ 智能風扇 / 智慧風扇
OFF	Enable (Default)/ 启用 (默认值) / 啟用 (預設值)
ON	Disable/ 禁用

Table 5.7: SW10

OFF	Enable (Default)/ 启用 (默认值) / 啟用 (預設值)
ON	Disable/ 禁用