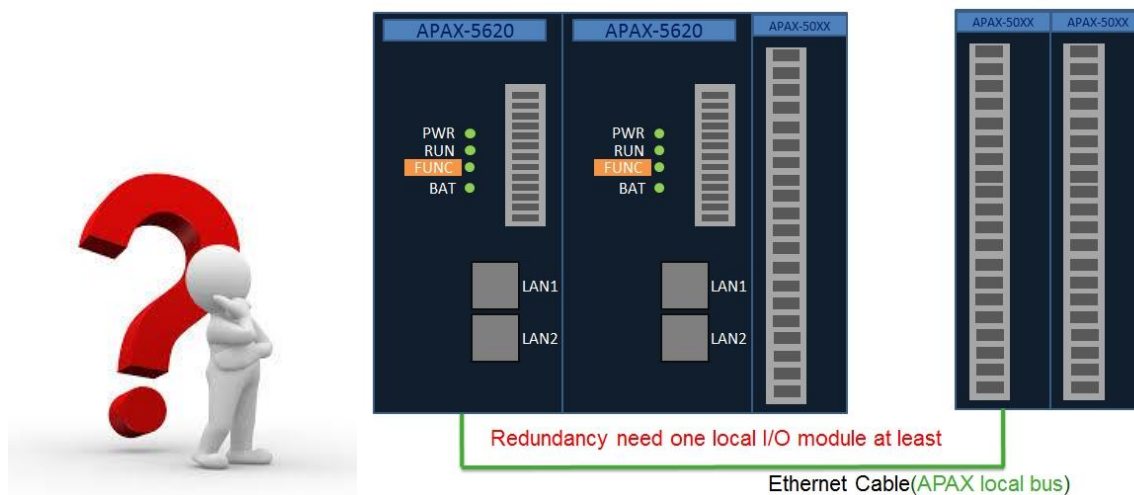


Advantech AE Technical Share Document

Date	2015 / 04 / 10	SR#	1-2040634557
Category	■ FAQ □ SOP	Related OS	WinCE5
Abstract	The redundant system information of APAX-5620KW		
Keyword	Redundant, APAX-5620KW, ProconOS		
Related Product	APAX-5620KW		

[Problem]

How to get the redundant system information of APAX-5620KW?



[Solution]

1. The redundant system information of APAX-5620KW can be obtained by Modbus address as below

Modbus Server Status Table		
information	Data type	Modbus address
Controller ID	WORD	4x61000
information	Data type	Modbus address
Controller state	WORD	4x61001
Sync status	WORD	4x61002
Battery state	WORD	4x61003
Boot Project check sum	DWORD	4x61004, 4x61005
Master IP change status (LAN1)	WORD	4x61006
Master IP change status (LAN2)	WORD	4x61007

4X61000

Controller ID	Value
SW1 OFF (Primary default)	0
SW1 ON	1

4X61001

Controller state	Value
No control	0
Primary	1
Secondary	2

4X61002

Sync Status	Value
Transfer not ready	6
Transfer time out	7
Receive time out	8
Secondary not alive	16
Secondary not ready for sync	17
Send life sync. failed	21
Task not run	23
Send boot project check sum failed	24
Receive project check sum time out	25
Boot project check sum of the secondary is invalid	26
Busy for checking boot project check sum	27
Send health info failed	28
Receive health info time out	29

4X61003

Battery state	Value
normal	0
abnormal	1

4X61006(LAN1)**4X61007(LAN2)**

Master IP change status	Value
Initial or Disable Master IP	0
Maser IP no need to change	1
Master IP change success	2
IP in use by local device	3
IP in use by others	4
Not a valid IP address	5
Stop to change IP because switch over occur	6
Master IP rebind fail	7
Internal error	8
Send PING packet error	9