Classification	NAPOPC_S	PC_ST FAQ				No.	1-005-E	
Author	James	Version	1.0.0	Date	2010/7/12	Page	1/3	
APOPC		commu	nicatio	on per	formance	e in		
Applies to: Platforr	n	OS ve	ersion		NAPOPC vers	sion		
PC		XP			NAPOPC_ST v3.20			
	CPU 2.6	6G Hz			-11	1-87024		
	RAM 5:			D		<mark>I-87</mark> 017		
	COM port	Setting	COM1			I-87058		
	Baud rate 9 Parity Non Data bits 8 Stop bits 1	e				1-7024 1-7033		
						I-7041		
lere is an ass	sumed archi	tecture:						
Ve connect to nodules via C								
	41				Name Ch00 Ch01 Ch02 Ch03	Analog Analog Analog Analog Analog	Output Output Output	
		ICP DAS						

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	-	nodule, and we				ne	ime: 968 ms 168 ms.	on the
					COM1			
	Module	I-87024	I-8701	7 1-87058			7041	I-7024
A	vg Scan Tir				 968ms		_	_
					_			
		ss-Interval of E			S.			
If we i		set the Access-		as below:				
		-7024: 1 Seco						
		-7041: 3 Seco	nd					
	I-87017/I	-7033: 100ms						
	-	ate as followi					N	
		e modules into				nect I-87024/	I-87017/I	-87058 to
CC	OM1, and	connect I-7024	/1-7033/1	-7041 to CO	<mark>M2.</mark>			
					_		-87024	
		CPU 2.66G	Hz			UZ		
		RAM 512N	IB	COM1			97017	
					-		<mark>-87</mark> 017	
							-87058	
		COM port Set	-			All states		
		Baud rate 960 Parity None	D				I-7024	
		Data bits 8						
		Stop bits 1		сом2		-	I-7033	
							I-7041	
						~		_
		ules via COM1		-			can Time	
W	e will find	"Average Scar	time" ha	s been gettir	ng faster	:		
			ICP DAS	Co., Ltd. Tec	hnical do	cument		

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		1							
			COM1					M2	
		I-87024	I-8701		I-70	I-7033		041	I-7024
Avg Scan	Time		391 m	S			516	5 ms	
3. We could	adiust	"Pendina	Time" to e	enhance the p	erforma	ance of o	comm	unicatio	on further. E
	•	•		or the "Pendin					
		-			g mine	option.	-		
		Device Pr	operties				X	9	
			Name 7024						
			/1-8K/1-87K/ZE le Setting ——	-2K I/O Module					
		O R		7K 7024	<u></u> ZB-21	K	<u>*</u>		
		0 10	ith Controller	Controller	- 87	К	*		
			2	8K			3		
			lress 3		imeout (mSe	511 m	_		
			Slot 0	(0~7 for 8K Module	s) Checksu	um Disable	<u> </u>		
			Port Setting — M 1	- -	Parity	None	-		
			tate 9600	Ĵ	Data Bits	8	<u> </u>		
					Stop Bits	1	×		
			ller Setting —						
			ess 192.168.2	255.1 Port 505	Tim	eout 500	-6		
		100000000000000000000000000000000000000							
			lata I/O (dicas ni	at access the PS-195M	od hue devie	٥)			
				ot access the RS-485/M 0 ms	od bus device	e)			
		Simu		0 ms]				
		Simu Simu Pendi	ng Time 100	0 ms OK	Cance	al 🔰			
According to	our red	Simu Simu Pendi	ng Time 100 change t	0 ms OK he "Pending 1	Cance	s followii	ng.		
		quirement,	ng Time 100	0 ms OK he "Pending 1	Cance ime" as 1-704	s followii	ng.	1-702	
	our rea	quirement,	ng Time 100 change t	0 ms OK he "Pending 1	Cance	s followii	ng.	I-702 800	
Pe	nding	quirement,	ng Time 100 change t 1-703 — 1-8702	0 ms ок he "Pending 1 3 24	Cance ime" as 1-704	s followii 1 0	ng.	80(I-870) 58
Pe		quirement,	ng Time 100 change t 1-703	0 ms ок he "Pending 1 3 24	Cance ime" as 1-704 2000	s followii 1 0	ng.	800) 58
Pe	nding 1	quirement,	ng Time 100 change t 1-703 1-8702 800	0 ms ок he "Pending 1 3 24	Cance Time" as 1-704 2000	s followii 1 0 17		800 1-870 200	0 58 0
Pe Pe	nding 1 nding 1 omplish	quirement,	ng Time 100 change t 1-703 1-8702 800 Ild get be	0 ms OK he "Pending 1 3 24	Cance Time" as 1-704 2000 1-8701 Scan T	s followin 1 17 ime" as	62ms	800 1-870 200 and 31	0 158 0 Ims.
Pe Pe	nding 1 nding 1 omplish	quirement,	ng Time 100 change t 1-703 1-8702 800 Ild get be cess-Inter	0 ms OK he "Pending 1 3 24 tter "Average	Cance Time" as 1-704 2000 1-8701 Scan T	s followin 1 17 ime" as	62ms	800 1-870 200 and 31	0 158 0 Ims.
After we acc	nding 1 nding 1 omplish	quirement,	ng Time 100 change t 1-703 1-8702 800 Ild get be cess-Inter	OK OK he "Pending T 3 24 tter "Average val and set di COM 1	Cance Time" as 1-704 2000 1-8701 Scan T	s followin 1 17 ime" as	62ms for d	800 I-870 200 and 31 ifferent	0 158 0 Ims.