Classification	System and Ap	System and Application FAQ on WinCE PAC					
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How to use SQL CE client to connect to SQL server?

 Platform	OS Version	PAC Utility Version
WinPAC	All Versions	All Versions
ViewPAC	All Versions	All Versions

We take 2 file "SQL Server 2005 Express Edition" and SQL Server Management Studio Express for example, you also use other edition.

- 1. SQL Server 2005 Express Edition Service Pack 4 (SQLEXPR.EXE) (<u>http://www.microsoft.com/downloads/en/details.aspx?displaylang=en&FamilyID=26435597b28e-4568-9d16-017bdf47abdc</u>)
- 2. SQL Server Management Studio Express Service Pack 4 (SQLServer2005_SSMSEE.msi) (<u>http://www.microsoft.com/downloads/en/details.aspx?displaylang=en&FamilyID=76ea83da-4797-4f11-a834-456ee9dc3764</u>)

[Inatall Software]

STEP 1: Install SQL Server 2 There are two places	005 Express Edition	_
need to be adjusted.	Microsoft SQL Server 2005 Setup	3
	End User License Agreement	
	MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SQL SERVER 2005 EXPRESS EDITION SERVICE PACK 4 These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft * updates, * supplements, * Internet-based services, and * support services for this software, unless other terms accompany those items. If so, those terms apply. Vext > Cancel	
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			01.0	OF Coto			
		Microsoft S	QL Server 20	05 Setup			23
		Installing Pr	rerequisites	ente required pri	orto installing SOL		5
		Server.	itware compor	ienta requireu pri	or to mataling SQL		
		SOL SO	nier Compon	ont Undato w	ill install the follow	Ning compo	nonts
		required	d for SQL Ser	ver Setup:	III III SCAIL CHE TOILO	wing compo	
		Micro	osoft SQL Na	tive Client	un Cunnart Filor		
		Micro	SOLL SOL SE	IVEI 2003 Seu	up support riles		
		Click Ins	stall to contin	ue.			
							-
							Canad
					Insta	······	Cancer
💹 Microsoft SC	L Server 2005	5 Setup			23		
Installing Pre	erequisites						
Installs soft Server.	tware componen	ts required prior to ins	talling SQL				
50L 500		t Undata will instal	l the fellowin	a component			
required	for SQL Serve	r Setup:	i the followin	g component			
 Micros Micros 	soft SQL Nativ	e Client ar 2005 Setup Sup	nort Files				
Phero.	Join Dige Derve	. 2000 5000 500	pore rileo				
The requ	uired compone	ents were installed	successfully.				
					Ŧ		
			Next >	Ca	ancel		
			~				

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		Microsoft SQL S	Server 2005 Se	tup			
		System Config	juration Ched	k			
		SQL Server Se	tup is scanning y	our computer's	s configuration		
	1	1					
15 Microsoft S	QL Server 200	05 Setup					
	•	Welcome	e to the M	icrosoft :	SQL		
		Server In	stallation	Wizard			
		Setup will help ;	you install, modif	iy or remove M	licrosoft		
		SQL Server. 10	COMMINS, CHCK F	ICAL.			
		•					
			< Back	Next >	Cancel		
		ICPDAS	Co. Ltd. Te	echnical do	cument		

Classification	System	and Ap	plication F	AQ on Wi	nCE PAC		No.	5-004-0
uthor	Cid		Version	1.0.0	Date	2018/04/23	Page	4/23
		del Mi		C	C			
		15 Mic	crosoft SQL	Server 2003	Setup			23
		Syst V	tem Confi . Vait while the	guration Cl system is chec	ieck ked for potentis	al installation		
		P	roblems.	-	-			1 ale
						13 Total	0 Em	or
			Success			13 Success	0 Wa	ming
		Deta	ils:					
			Action			Status	Message	•
			SQL Server	Edition Opera	ting System	Success		
		0	Minimum H	ardware Requ	irement	Success		
		9	Pending Rel	boot Requirem	ent	Success		_
		9	Default Insta	allation Path Pe	ermission Re	Success		
		9	Internet Exp	lorer Requirer	nent	Success		
		9	COM Plus C	atalog Requir	ement	Success		=
		2	ASP.Net Ver	rsion Registrat	ion Require	Success		
			Minimum M	IDAC Version	Requirement	Success		
			Edition Cha	nge Uneck		Success		
				4			1	•
🛃 Microsoft SO	L Server 20	c	Filter	•		Stop		Report 💌
Registration	Informati							
The following	information	N	Help					Next >
The Name fie	ld must be fil	ed in prior	to proceeding	g. The Compar	ny field is optior	nal.		
N <u>a</u> me:								
Test								
Company:								
🔽 Hide adva	nced configu	ration optic	ons					
	1							
Help	ļ		< Back	Next		Cancel		
				Co. Itd. 7	Fachnical d	ocument		

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STEP 1.1: Select components for I	all nstall.	Hicrosoft Feature S Select the Click an icon in	 Microsoft SQL Server 2005 Express Edition Setup Feature Selection Select the program features you want installed. Click an icon in the following list to change how a feature is installed. Click an icon in the following list to change how a feature is installed. Feature description Installs command line tools, connectivity components, programming models, management tools and development tools. 					
		Installation p c:\Progra	ture requires 36 ve. It has 2 of 2 d. The subfeatur our hard drive. Brows	MB on your Subfeatures res require 49				
		Help			< Back	Vext >	Cancel	
STEP 1.2: Choc mode" and set the Please remembe password which y in the following s	ose "Mixed e password. er the will be used steps.	Microsoft Authentic The auth connectir Select th	: SQL Server 2005 Cation Mode entication mode spi ng to SQL Server. e authentication mo	5 Express E ecifies the se ode to use fo	dition Setup ecurity used when or this installation.			
		 Windows Authentication Mode Mixed Mode (Windows Authentication and SQL Server Authentication) 						
		Specify the sa logon password below: Enter password: Confirm password: •••••						
		Help ICP DAS	Co. Ltd. Teol	hnical do	<back< td=""><td>Next ></td><td>Cancel</td></back<>	Next >	Cancel	

Classification	System and	Application I	FAQ on WinCE	E PAC		No.	5-004-00			
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		🙀 Microsoft S	SQL Server 2005	Express Ed	lition Setup		83			
		Configurat	ion Options							
		Configure	user and administra	ator account	s					
		🔽 Enable	User Instances							
	This option enables users without administrator permissions to run a separate instance of the SQL Server Express Database Engine.									
Add uses to the COL Convert Administration rela										
This action adds the uses who is summing the COL Server Evenes is the line										
	This option adds the user who is running the SQL Server Express installation program to the SQL Server System Administrator role. By default, users on Microsoft Windows									
		vista open	along system die Hu	e member s t		r oyatem Adınır	isa ator Toler			
		Help		<hr/>	Back	Next >	Cancel			
闄 Microsoft SQ	L Server 2005 E	express Edition S	Setup		23					
Error and Us	age Report S	ettings			P					
and services.	t improve some o	f the SQL Server 2	2005 components							
Automatically	send Error report er. Error reports	s for SQL Server 2 include information	2005 to Microsoft or n regarding the con	your corpor dition of SQI	rate error Server					
2005 when an may unintenti	error occurred, yonally include per	your hardware con sonal information,	nfiguration and othe which will not be us	r data. Erro ed by Micros	r reports soft.					
Automatically	send Feature Usa vmous information	age data for SQL S n about your hard	Server 2005 to Micro ware configuration a	soft. Usage and how you	data Juse our					
software and	services.		2	,						
By installing Misso	soft SOL Server '	2005 SOL Server	and its components	will be conf	aured to					
automatically sen	d fatal service en uses error report	ror reports to Micro ts to improve SOL	osoft or a Corporat Server functionality	e Error Repo	orting all					
information as co	nfidential.			,						
Help		< Back	Next >		ancel					
		(buck								
		ICP DAS	Co. Ltd. Tech	nical do	rument					

Classification Author	System and Cid	d Applica Vers	tion FAQ sion 1.0	on WinCE .0	PAC Date	2018/04/23	No. Page	5-004-00 7/23		
		聞 Micros Ready Setup	soft SQL Se to Install d is ready to	erver 2005 E: I begin installat	xpress Edi ion.	ition Setup		x		
		Setup chang	has enough e any of you	information to r installation s	ettings, die	ing the program file ck Back. To exit set	es. To proceed, up, dick Cancel.	click Install. To		
The following components will be installed: • SQL Server Database Services (Database Services, Replication) • Client Components (Connectivity Components)										
Help < Back Install Cancel										
Microsoft SQL Server 2005 Setup Setup Progress The selected components are being configured										
Product			Status							
SQL Setup Se	upport Files		Setup finish	ed						
SQL Native C	<u>llient</u>		Setup finish	ed ad						
SOL Server F	<u>ter</u> Jatabase Service	ic.	Setup finish	ed						
Workstation	Components, Bo	<u>oks Onlin</u>	Setup finish	<u>ed</u>						
Help			<< Back	Next >>	>	Cancel				
	ICP DAS Co., Ltd. Technical document									

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		💹 Microsoft SQ	L Server 2005	Setup			E	
		Completing Mic	rosoft SQL Se	rver 2005 Set	tup			
		Setup has finis	hed configuratio	n of Microsoft SC	QL Server 2005			
		Refer to the setup setup. Click Finish	error logs for in to exit the instal	formation descri lation wizard.	ibing any failure(s) t	that occurred	d during	
		Summary Log						
		To minimize the server surface area of SQL Server 2005, some features and services are disabled by default for new installations. To configure the surface area of SQL Server, use the						
			and Managin	a SQL Serve	<u>۲</u>		A	
		Express					=	
		For improv Server 200	ed manageabi 5 provides mo	lity and securit	y, SQL the SOI			
		Server surf	ace area on yo	ur system. To i	minimize			
		the surface	area, the follo	wing default				
		instance of	ons have been SQL server:	applied to you	Ir			
			CP/IP connection	ons are disable	ed		-	
Help Finish							Finish	

STEP 2: Install SQL Server Management Studio Express with the Setup Wizard

Welcome to the Install Wizard for Microsoft SQL Server Management Studio Express
Setup helps you install, modify or remove Microsoft SQL Ser Management Studio Express. To continue, dick Next.
WARNING: This program is protected by copyright law and international treaties.

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	📸 Microsoft SQL Server Management Studio Express Setup	٤
	License Agreement	
	Please read the following license agreement carefully.	
	MICROSOFT SOFTWARE LICENSE TERMS	-
	MICROSOFT SQL SERVER 2005 MANAGEMENT STUDIO EXPRESS	
	These license terms are an agreement between Microso Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply the software named above, which includes the media of which you received it, if any. The terms also apply any Microsoft	oft to on y to
	I accept the terms in the license agreement	
,	I do not accept the terms in the license agreement	
	< Back Next > Ca	ancel
crosoft SQL Server I	Management Studio Express Setup	
istration Information	on	
e following information	will personalize your installation.	
ter your name and the	e name of your organization in the fields below.	
ame:		
Test		
ompany:		
	< Back Next > Cancel	
	ICP DAS Co., Ltd. Technical document	

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Feature Selection Select the program features you want installed. Click an icon in the following last to change how a feature is installed. Imagement Studio Express Installs interactive management to Studio Express. Envery Induding SQL Server Management Studio Express Installation path C:\Program Files\Wicrosoft SQL Server \ Disk Cost Vicrosoft SQL Server Management Studio Express Setup eady to Install the Program Setup is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit Setup. eady to neale the review or change any of your installation settings, click Back. Click Cancel to exit Setup.	🛃 Mi	crosoft SQL Server N	Vanagement Stu	dio Express S	etup	C
Select the program features you want installed. Click an icon in the following list to change how a feature is installed. Click an icon in the following list to change how a feature is installed. Feature description Tratalis interactive management Studio Express Installation path C: \Program Files\Viicrosoft SQL Server\ DBik Cost Kicrosoft SQL Server Management Studio Express Setup eady to Install the Program Setup is ready to begin the installation. Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit Setup. If you want to review or change any of your installation settings, click Back. Click Cancel to exit Setup.	Fea	ture Selection				
Cick an icon in the following list to change how a feature is installed. Imagement Studio Express Installation path C:\Program Files\Microsoft SQL Server\ Disk Cost Vicrosoft SQL Server Management Studio Express SQL Server Management Studio Express C:\Program Files\Microsoft SQL Server\ Disk Cost C:\Program Files\Microsoft SQL Server\ Disk Cost Cite and the Program Setup is ready to begin installation. Cick Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit Setup. Ready to Install to begin the installation.	Se	elect the program featu	res you want install	ed.		
Feature description Installs interactive management tools for unnin SQL Server including SQL Server including SQL Server Management Studie Express. Installation path C:\Program Files\Wicrosoft SQL Server\ Disk Cost Kicrosoft SQL Server Management Studio Express Vicrosoft SQL Server Management Studio Express Setup Xicrosoft SQL Server Management Studio Express Setup is ready to begin installation. If you want to review or change any of your installation settings, dick Back. Click Cancel to exit Setup. <	cl	ick an icon in the follow	ing list to change ho	w a feature is i	installed.	
Vicrosoft SQL Server Management Studio Express. Installation path C:\Program Files\Vicrosoft SQL Server\ Disk Cost < Back Next > Cancel Vicrosoft SQL Server Management Studio Express Setup eady to Install the Program Setup is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit Setup. 		Management	t Studio Express		Feature descri Installs interact management to SQL Server, inc	ption tive cols for running cluding SQL
Installation path C:\Program Files\Microsoft SQL Server\ Disk Cost < Back					Express.	ment Studio
C:\Program Files\Microsoft SQL Server\ Disk Cost Disk Cost Cancel-biskcost.com Disk Cost Disk Cost Disk Cost Cancel-biskcost.com Disk Cost.com Cick Cancel to exit Setup. Cick Cancel-biskcost.com Cick Cancel-biskcost.com	Inst	allation path				
Disk Cost < Back	C:V	Program Files\Microsoft	SQL Server			
< Back					Disk	Cost
< Back						
Microsoft SQL Server Management Studio Express Setup eady to Install the Program Setup is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit Setup. kit Setup < Back			< Back	Ne	ext >	Cancel
eady to Install the Program Setup is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit Setup.	Microsoft SQL Server	Management Studie	o Express Setup		R	
Setup is ready to begin installation. Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit Setup.	and to Install the Dr	wanagement studi	o express setup			
Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit Setup. < Back	Setup is ready to begin i	nstallation.				
If you want to review or change any of your installation settings, click Back. Click Cancel to exit Setup.	Click Install to begin the	installation.				
If you want to review or change any of your installation settings, dick Back. Click Cancel to exit Setup.						
< Back Install Cancel	If you want to review or exit Setup.	change any of your in	stallation settings, c	lick Back. Click	Cancel to	
< Back Install Cancel						
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		< Back	Install		Cancel	

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		😸 Micro	osoft SQL	Server Mana	agement	Studio	Express Setup		8
					Comple	e ting (the Microsoft	SQL Serve	er
					Manag	jemen	t Studio Expre	ss Setup	
					Setup ha Express	s install success	ed Microsoft SQL S fully, Click Finish to	erver Manag exit.	jement Studio
					< Back	k	Finish		Cancel
Config S		erver				<u>.</u>			
TEP 3: Execute	e "SQL	Server Co	l nfigurati	ion Manage	er"				
EP 3.1: Enter Part 1: Select	"Conter	nt" to set	EXPRE	SS"					
Part 1: Select Part 2: Select	"Conter "Potoco "TCP/II	nt" to set	LEXPRE	ESS"					
Part 1: Select Part 2: Select Part 3: Click '	"Conter "Potoco "TCP/II Content	nt" to set Ils for SQI ?" t" to set	LEXPRE	ESS"					
P 3.1: Enter Part 1: Select Part 2: Select Part 3: Click '	"Conter "Potoco "TCP/II Content	nt" to set Is for SQI ? " to set	LEXPRE	2SS"	Jer		2		
P 3.1: Enter Part 1: Select Part 2: Select Part 3: Click '	"Conter "Potoco "TCP/II Content	nt" to set Is for SQI ?" t" to set SQL Server	LEXPRE r Configur n View	ESS" ation Manag Help	ler				
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Part 1: Enter Part 1: Select Part 2: Select Part 3: Click '	"Contert "Potoco "TCP/II Content	nt" to set Is for SQI "" to set SQL Server IL Action SQL Server SQL Serv	CEXPRE	ation Manag Help I I Services Network Co r SQLEXPRES Int Configurat	ger (Local nfigurations) tion	0) or 2	Protocol Name Shared Memo Named Pipes TCP/IP	Stat ory Ena Disa Ena 3 Pro Hel	tus bled abled able able
EP 3.1: Enter Part 1: Select Part 2: Select Part 3: Click '	"Conter "Potoco "TCP/II Content	nt" to set Is for SQI SQL Server SQL Se	CEXPRE	ation Manag Help ation Manag Services Network Co r SQLEXPRES nt Configurat	ger (Local ofigurations) tion	D) Dr 2	Protocol Name Shared Memo Named Pipes TCP/IP	Stat ory Ena Disa Ena 3 Pro Hel	tus bled abled able able

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STEP 3.2: Select "Yes" for "Enabled" at tab "Protocol"

Part 1: Select tab "Protocol"

Part 2: Choose the "Enable" to "Yes"

- Part 3: Select tab "IP Addresses"
- Part 4: Modify the "TCP Port" to 1433
- Part 5: Click button "OK"



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STEP 4: Execute "SQL Server Surface Area Configuration" and Choose "Surface Area Configuration for Service and Connections"

😭 SQL Server 2005 Surface Area Configuration	
SOL Server 2005	ndows Server System
Help Protect Your SQL Server	
Minimize SQL Server 2005 Surface Area SQL Server 2005 improves manageability and security by giving administrators more control over the surfa and remote instances of SQL Server 2005. With the SQL Server 2005 Surface Area Configuration tools, yo	we area of local u can easily:
 Disable unused services and network protocols for remote connections. Disable unused features of SQL Server components. 	
For new installations, use these tools to enable required features, services, and network protocols that are dis For upgraded instances, use these tools to identify and disable unused features, services, and protocols.	abled by default.
Users with administrative privileges on Microsoft Windows Vista and later versions will no longer have adm privileges on this SQL Server installation by default. To explicitly add yourself as a SQL Server administrat below link:	inistrative or, click on the
💫 Add New Administrator	
Read more about configuring the SQL Server surface area.	
Configure Surface Area for localhost (change computer)	
Surface Area Configuration for Services and Connections	
Surface Area Configuration for Features	

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STEP 4.1: Check the "Service status" is "Running"

Enable only the services and connection ty server by reducing the surface area. For de Select a component and then configure its	pes used by your fault settings, see services and com	applications. Disabling unused services and connections helps protect your <u>Help</u> .
 ■ SQLEXPRESS ■ Database Engine → Service Remote Connections ■ SQL Server Browser 	Disable this ser Service name: Display name: Description: Startup type:	rvice unless your applications use it. MSSQL\$SQLEXPRESS SQL Server (SQLEXPRESS) Provides storage, processing and controlled access of data and rapid transaction processing.
View by Instance View by Component	Service status:	Stop Pause Resume

STEP 4.2: Choose the "Using both TCP/IP and named pipes"

Help Protect Your SQL Serve	er
erver by reducing the surface area. For defi	es used by your applications. Disabiling unused services and connections helps project your ault settings, see <u>Help</u> .
elect a component and then configure its s	ervices and connections:
	By default, SQL Server 2005 Express, Evaluation, and Developer editions allow local client connections only. Enterprise, Standard, and Workgroup editions also listen for remote client connections over TCP/IP. Use the options below to change the protocols on which SQL Server listens for incoming client connections. TCP/IP is preferred over named pipes because it requires fewer ports to be opened across the firewall.
	Cocal connections only
	Octave connections
	Using TCP/IP only
	O Using named pipes only
	Using both TCP/IP and named pipes
View by Instance View by Component	

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STEP 4.3: Set "A	$utomatic" \rightarrow Pr$	ess "Appl	y" → Press	s "Start"		Γ	R
SC He	L Server 2005 S	Surface Are	a Configur	ation			
Enable or server by	nly the services and connec reducing the surface area. T	tion types used by For default settin;	y your application gs, see <u>Help</u> .	s. Disabling unused	services and connection	s helps protect yo	ur
	omponent and then configu SQLEXPRESS Database Engine Service Remote Connectio SQL Server Prowser + Service	ne its services an This serv this serv Service Display Descript	a connections: vice returns named ice is recommend name: SQL Brows name: SQL Serve	l pipe and TCP port ed for Analysis Serv ser er Browser QL Server connectio	information to client ap ices. on information to client (plications. Enablii computers.	ng
	Stortup	type Automatic	Stop	Pause	Resume		
View by	Instance View by Comp	onent		OK (Cancel Apply	Help	

STEP 5: Execute "SQL Server Configuration Manager" STEP 5.1: SQL Server 2005 Services → SQL Server Brower → "Content"

image: SQL Server Configuration Manager File Action View Help Image: SQL Server Configuration Manager Image: SqL Server Configuration Manager)	
SQL Server 2005 Services SQL Server 2005 Network Configuration Protocols for SQLEXPRESS SQL Native Client Configuration	SQL Server Browser	State Start Stop Pause Resume Restart Properties
		Help

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TEP 5.2: Servi	ice → Set "Si SQL Serv Log On E Ger Bin Erro Exit Hos Nan Pro	tart Mode" to A er Browser Propert Service Advance heral any Path or Control Code tt Name ne	Automatic ties	→ Press "A · c:\Program Files I 1077 TEST-PC SQL Server Brow 0 · · · · · · · · · · · · · · · · · ·	pply" butt The ser	on EX QL S		
	SQL Star	. Service Type	S	SQL Browser				
	Star	t Mode		Automatic				
	Start M The sta	fode art mode of this ser	vice.					
	Start M The sta	fode art mode of this ser	vice.					
	Start M The sta	fode art mode of this ser	vice. Cancel	Apply	Help	2		
STEP 5.2: Resta	Start N The start	Node art mode of this ser OK the configuration	vice. Cancel	Apply QL Server Br	Help	, Serve	er(SQLE)	(PRESS).
STEP 5.2: Resta	Start N The start	Node art mode of this ser OK the configuration	vice. Cancel	Apply QL Server Br	Help	, Serve	er(SQLE)	(PRESS).
TEP 5.2: Resta	Start N The start art to refresh to SQL Server Conf	fode art mode of this ser OK the configuration	vice. Cancel Ons for SQ	Apply QL Server Br	Help	. Serve	er(SQLE)	(PRESS).
STEP 5.2: Resta	SQL Server Conf	fode art mode of this ser OK the configuration iguration Manager ew Help	vice. Cancel	Apply QL Server Br	Help	. Serve	er(SQLE)	(PRESS).
STEP 5.2: Resta	SQL Server Conf Action Vie	Node art mode of this ser OK the configuration iguration Manager ew Help is [] () (vice. Cancel Ons for SQ	Apply QL Server Br	Help	. Serve	er(SQLE)	(PRESS).

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Restart (stop and then start) selected service.

111

Pause Resume Restart

Properties

Help

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[Create Database]

STEP 6: Execute "SQL Server Management Studio Express"

STEP 6.1: The Login "sa" is administer, and enter the password that is set in Step1.2

🚽 Connect to Server	(X)
SQL Serv	Ver. 2005
Server type:	Database Engine 💌
Server name:	TEST-PC/SQLEXPRESS -
Authentication:	SQL Server Authentication 👻
Login:	38.
Password:	жжж
	🥅 Remember password
Conne	ct Cancel Help Options >>

STEP 6.2: Click "Database Engine Query" on "SQL Server Management Studio Express" And then you have to login again.

	Kicrosoft SQL Server Management Studio Express	
	File Edit View Tools Window Community	y Help
	🗄 🔔 New Query 💽 🏊 🛛 😂 🔩 🔩 🖉 👔) 🖬 📴 🐉 🖀 🖕
	Object Explorer 🗸 🗸 🗸	Summary
	📑 📑 🖉 🔊 Database Engine Query	🔁 🛃 🦨 🝸 🔠 🧰
	🖃 🚺 TEST-PC\SQLEXPRESS (SQL Server 9.0.5000 - :	
	🖃 🧰 Databases	tomndh
	🖃 🚞 System Databases	🕛 tempub
	🕀 🗾 master	TEST-PC\SQLEXPR
	🕀 🗾 model	
		Name
	E Security	🚞 Tables
	Server Objects	Temporary Tables
		🚞 Views
		🚞 Synonyms
		🚞 Programmability
		Security
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STEP 6.3: Select a database to build table. The example select "tempdb" database.



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[Close firewall on your PC]

You have to close SQL server's firewall at control panel. If you don't close the firewall, the other device will connect fail when them client this SQL server.

[Enable SQL Server by ODBC]

STEP 7.1: 🖅 Run 23 Start \rightarrow Run \rightarrow enter"odbcad32" Type the name of a program, folder, document, or Internet resource, and Windows will open it for you. odbcad32 Open: This task will be created with administrative privileges. OK Cancel Browse... ODBC Data Source Administrator 23 STEP 7.2: Add System System DSN User File DSN Drivers Tracing Connection Pooling About DSN System Data Sources: Part 1: Select tab 2 "System DSN" Add ... Name Driver Part 2: Click button Remove "Add..." Create New Data Source x Part 3: Select list "SOL Server" Part 4: Click button Select a driver for which you want to set up a data source. "Finish" ۸ ۸ Name Microsoft Paradox-Treiber (*.db) 6 Microsoft Text Driver (*.txt; *.csv) 6 6 Microsoft Text-Treiber (*.txt; *.csv) Microsoft Visual FoxPro Driver 1 Microsoft Visual FoxPro-Treiber 1 SQL Native Client 2 ≡ 6 Server -4 111 b. < Back Cancel Finish ICP DAS Co., Ltd. Technical document

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There are two places need to be adjusted. STEP 7.3: Create a New Data Source to SQL Server

Part 1: Modify the name by yourself

Part 2: Click ComboBox to select the data on this PC

This wizard will help you create an ODBC data source that you can a connect to SQL Server. What name do the ant to use to refer to the data source? Name: Test	use
How do you want to describe the data source? Description:	
Which SQL Sec 2 you want to connect to? Server: TEST-PC\SQLEXPRESS	
Brith Netto Const	

STEP 7.3: Select login mode

Part 1: Choose second radiobox

Part 2: The login code must be "sa". Input a password that is set in Step1.

Create a New Dat	a Source to SQL Server
	How should SQL Server verify the authenticity of the login ID?
	With Windows NT authentication using the network login ID. With SQL Server authentication using a login ID and password entered by the user.
	To change the network library used to communicate with SQL Server, click Client Configuration.
	Client Configuration
	Connect to SCL Server to obtain default settings for the additional cr 2 ion options.
	Login ID: sa
	Password:
	< Back Next > Cancel Help
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[Modify the SqlSrRemote demo to connect remote SQL server]

[**C**#]

Modify IP, database name, ID, password

string strConn = " server=10.1.0.56\sqlexpress;database=tempdb;user id=sa;password=1234;";

Connect target SQL

SqlConnection connRemote = new SqlConnection(strConn); connRemote.Open();

Select* from a1

strSql = "select* from a1"; sqlCmd.Connection = connRemote; sqlCmd.CommandText = strSql; sqlReader = sqlCmd.ExecuteReader();

Create tabe and display the from

dTable = new DataTable("a1"); dTable.Columns.Add("id", typeof(int)); dTable.Columns.Add("tel", typeof(int));

```
while (sqlReader.Read())
```

```
{
```

```
dRow = dTable.NewRow();
dRow["id"] = sqlReader["id"];
dRow["tel"] = sqlReader["tel"];
dTable.Rows.Add(dRow);
```

```
dbCount += 1;
```

}

```
dataGrid1.DataSource = dTable;
label5.Text = "Number: " + dbCount;
sqlCmd.Dispose();
sqlReader.Close();
```

Standard command program

```
string strSql = null;
SqlCommand sqlCmd = new SqlCommand();
SqlDataReader sqlReader = default(SqlDataReader);
strSql = "You want execute SQL command";
sqlCmd.Connection = connRemote;
sqlCmd.CommandText = strSql;
sqlReader = sqlCmd.ExecuteReader();
sqlCmd.Dispose();
sqlReader.Close();
```

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[VB.net]

Modify IP, database name, ID, password

Dim strConn As String = " server=10.1.0.56\sqlexpress;database=tempdb;user id=sa;password=1234;"

Connect target SQL

Dim connRemote As New SqlConnection (strConn) connRemote.Open()

Select* from a1

strSql = "select* from a1"
sqlCmd.Connection = connRemote
sqlCmd.CommandText = strSql
sqlReader = sqlCmd.ExecuteReader()

Create tabe and display the from

dTable = New DataTable ("a1") dTable.Columns.Add("id", GetType(Integer)) dTable.Columns.Add(""tel", GetType(Integer))

While sqlReader.Read()dRow = dTable.NewRow(); dbCount += 1;

dRow = dTable.NewRow() dRow("id") = sqlReader("id") dRow("tel") = sqlReader("tel") dTable.Rows.Add(dRow) dbCount += 1 t While

End While

dataGrid1.DataSource = dTable label5.Text = "Number: " + dbCount sqlCmd.Dispose() sqlReader.Close()

Standard command program

Dim strSql As String = Nothing Dim sqlCmd As New SqlCommand() Dim sqlReader As SqlDataReader = Nothing strSql = "You want execute SQL command" sqlCmd.Connection = connRemote sqlCmd.CommandText = strSql sqlReader = sqlCmd.ExecuteReader() sqlCmd.Dispose() sqlReader.Close()

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[Demo Program]

STEP 1: Enter the target server, user id, password

Part 1: Enter the target server(If PC has firewall, enter the port number ,1433), database user id, password Part 2: Click button "connect", it will show the message box if it connect success

SQL_client_demo		
Data Source 1 10.1.0.71\SQLEXPRESS,1433		
User ID : sa		
password : ****		
Data Base : tempdb		
Data table: a1		
Number 0		
	create data base	testsql
2	connect	
OK 🔀 ID nvarchar(50),tel nvarchar(50)		varchar(50)
Connect to Remote DB successfully	create table	Delete table
	Insert data	(6,900)
	Show all data in data table	
	find data name is	id= 1
	delete data	id= 6
	Update data	tel=555 where id=1

STEP 2: Select ComboBox "Data Base" for CREATE, SELECT, INSERT, DELETE, etc.

Button information for this example, and the red string user can be change. Create data base: "CREATE DATABASE testsql" Create table: "CREATE TABLE a1(ID nvarchar(50),tel nvarchar(50))" Delete table: "DROP TABLE a1" Insert data: "Insert Into a1 Values (6,900)" Show all data in data table: "Select * from a1" Find data name is: " Select * from a1 where id= 1" Delete data: "delete from a1 where id= 6" Update data: "Update a1 set tel=555 where id=1"