

# SUPERCOM

FOR

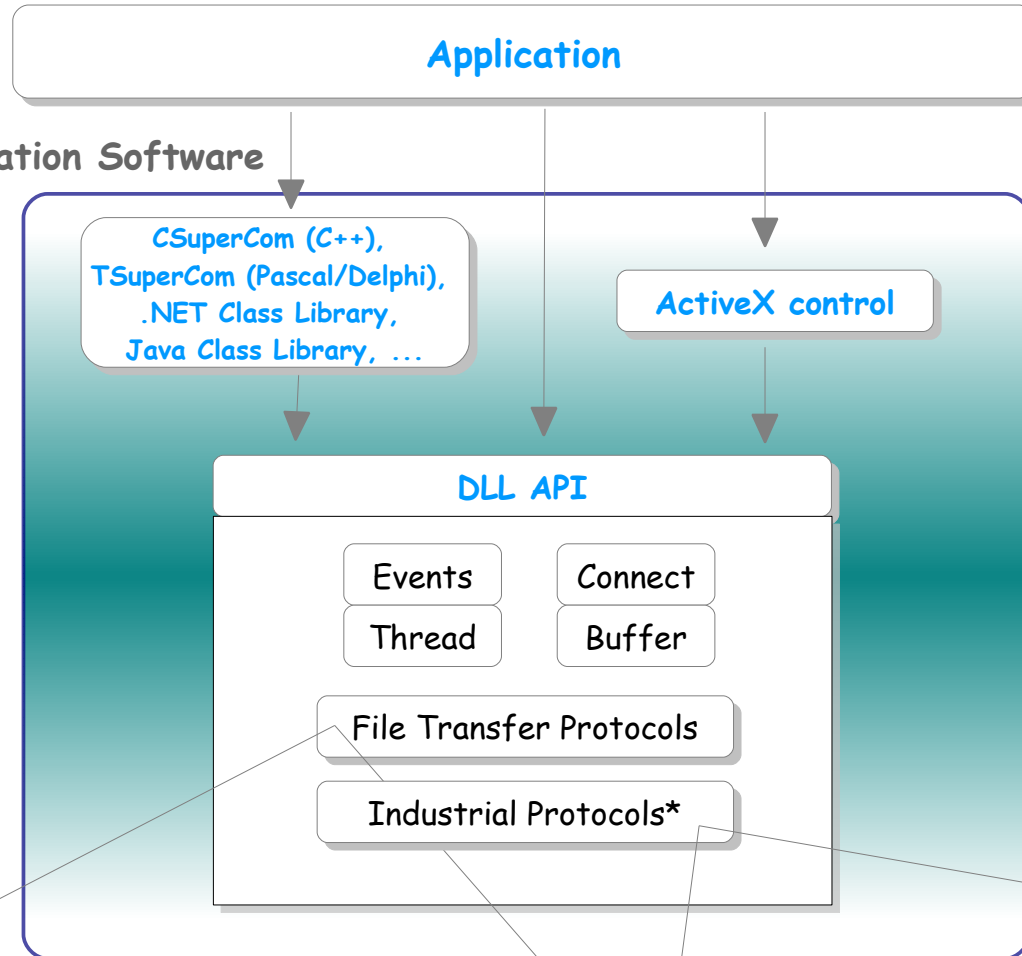
**32-BIT AND 64-BIT WINDOWS AND LINUX**

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## SuperCom

### Data Communication Software

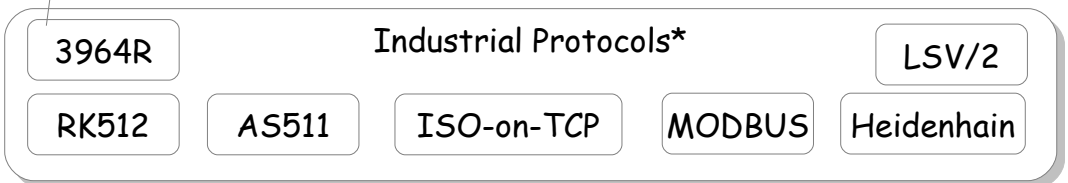
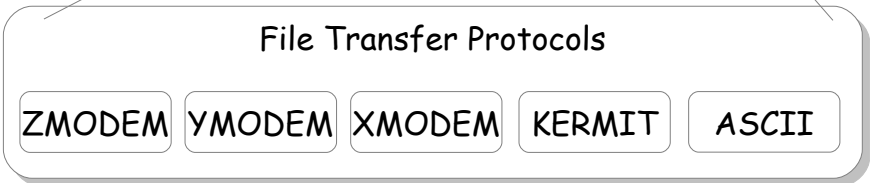


Use one common and flexible API.

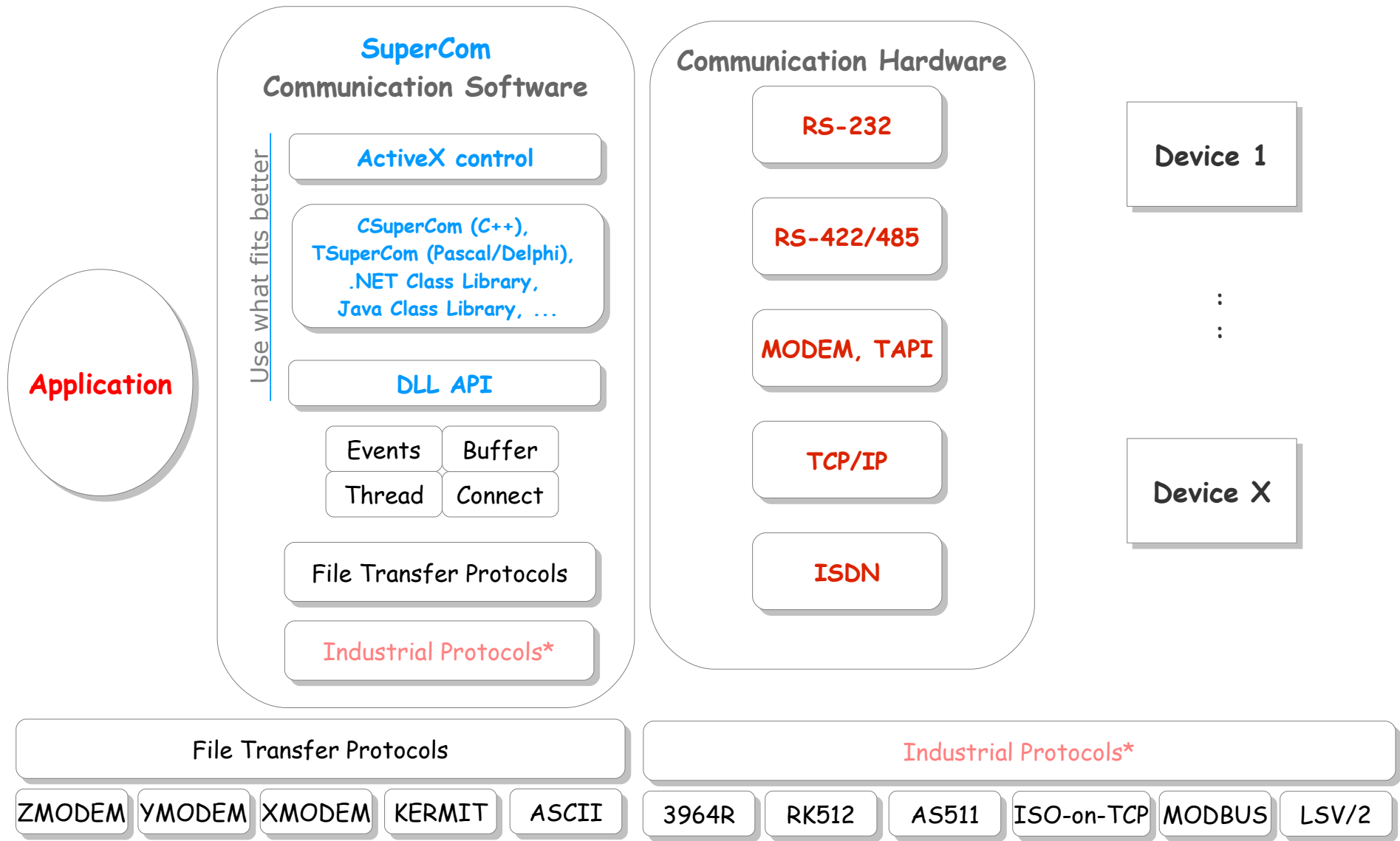
SuperCom offers the freedom to switch compiler anytime. You are not bound to one specific compiler only.

Use C functions or C++ classes.  
Use Pascal / Delphi functions or classes.  
Use C#, VB functions or classes.

\*where included



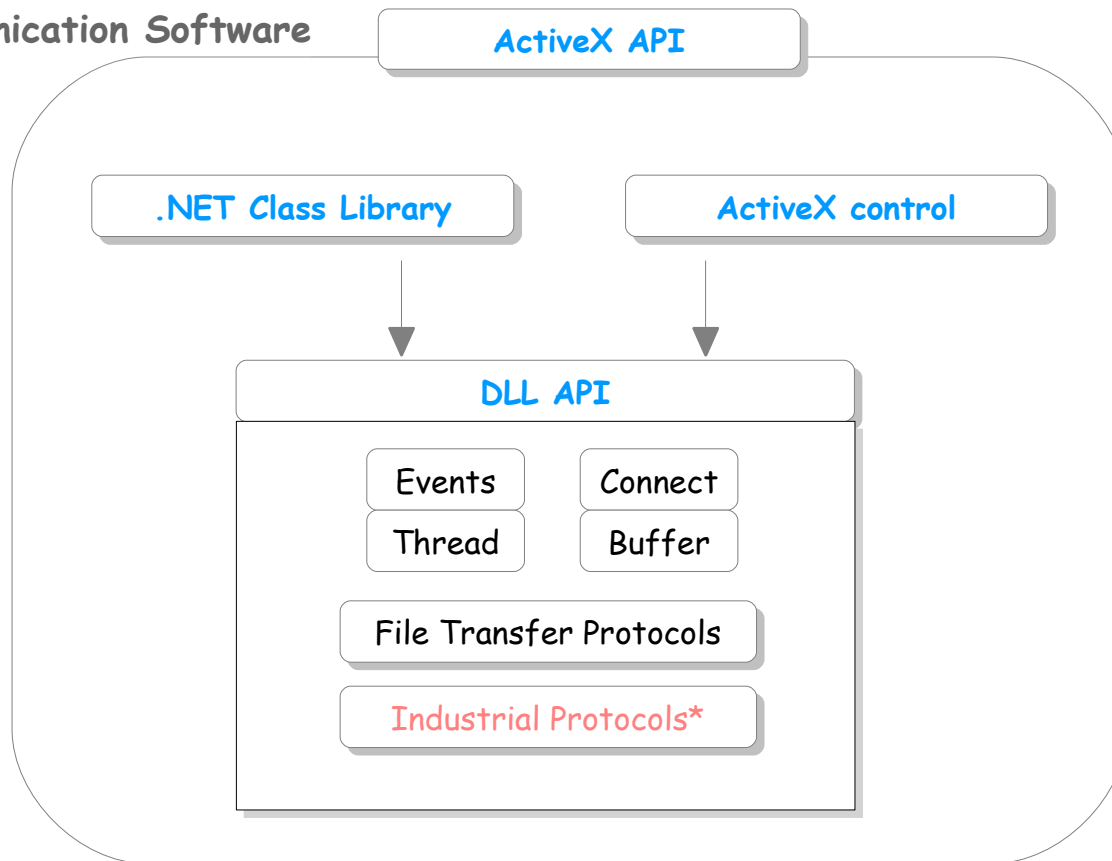
**Hardware:** Serial Ports, Modem, ISDN, TCP/IP



\*where included

# SuperCom

## Data Communication Software



SuperCom supports many Development Environment. Many compiler supported and many samples provided for each Compiler.

Switch compiler anytime or Combine development environments!

**File Transfer Protocols**

ZMODEM YMODEM XMODEM KERMIT ASCII

**Industrial Protocols\***

3964R LSV/2  
RK512 AS511 ISO-on-TCP MODBUS Heidenhain

\*where included

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## SuperCom supported communication hardware



### **Serial RS-232, RS-422/485:**

Onboard COM1, COM2, serial ports on a multi-port card on a PCI, PCIe, PCI-X Card.

USB-to-Serial Converter. Ethernet-to-Serial Converter.

Virtual COM ports, Redirected ports, Bluetooth-to-serial, Infrared-to-serial.

### **MODEM, TAPI:**

Hayes compatible Modem, TAPI-Modem, USB-Modem, GSM/GPRS-Modem

### **TCP/IP:**

Client, Server with Windows TCP/IP protocol.

### **ISDN:**

Internal CAPI cards or CAPI interface library.

Each application (or instance) can control up to 255\* connections simultaneously!

That can be 255 serial lines, Modem or ISDN connections, 255 TCP/IP clients or one TCP/IP server and up to 254 clients or up to 255 TCP/IP server or any other combination.

Connections can be mixed in any combination, as long the used connection type (*ComType*) is supported by the owned SuperCom package.

\*If necessary adjustment up to 65535 possible.

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## SuperCom 32-Bit for Windows

	Windows 9x / Me	Windows 10, 8, 7, Vista, XP, **	ActiveX API	DLL API	RS-232/422/485	TAPI	ISDN	TCP/IP	YMODEM, XMODEM, ASCII	ZMODEM	KERMIT	.NET	SuperCom .NET Class Library	3964R / RK512 / AS511	LSV/2, Heidenhain, S7 Protocol	MODBUS	Data Packet Collector	Data Trigger	Data Monitoring	Data Filter	Sharing Connections	Client / Server TCP/IP
626 - SuperCom Serial Library	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		2	2	✓	✓	✓	✓	✓	
627 - SuperCom Serial ActiveX	✓	✓	✓		✓	✓			✓	✓	✓	✓			2	2	✓	✓	3	3	✓	
616 - SuperCom ISDN Library	✓	✓	✓	✓			✓		✓	✓	✓	✓	✓		2	2	✓	✓	✓	✓		
615 - SuperCom TCP/IP Library	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓		2	2	✓	✓	✓	✓	✓	✓
633 - SuperCom Suite	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		2	✓	✓	✓	✓	✓	✓	✓
620 - SuperCom 3964 Protocol Engine	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	2	✓	✓	✓	✓	✓	✓	
62111 - SuperCom Suite Industrial	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2	✓	✓	✓	✓	✓	✓	✓
62612 - SuperCom Serial Library MODBUS	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		2	✓	✓	✓	✓	✓	✓	
61512 - SuperCom TCP/IP Library MODBUS	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓		2	✓	✓	✓	✓	✓	✓	✓

2 Optional

3 Only with a DUAL API license (ActiveX API + DLL API)

\*\*Windows 11, 10, 8.1, 8, 7, Vista, XP, 2000, NT, Windows Server 2022, 2019, 2016, 2012 (R2), 2008 (R2), 2003, 2000, NT

YMODEM={YMODEM, YMODEM/BATCH, YMODEM-G}

XMODEM={XMODEM, XMODEM/CRC, XMODEM-1K, Extended XMODEM}

## SuperCom 64-Bit for Windows x64

	Windows x64 **	ActiveX API	DLL API	RS-232/422/485	TAPI	ISDN	TCP/IP	YMODEM, XMODEM, ASCII	ZMODEM	KERMIT	.NET	SuperCom .NET Class Library	3964R / RK512 / AS511	LSV/2, Heidenhain, S7 Protocol	MODBUS	Data Packet Collector	Data Trigger	Data Monitoring	Data Filter	Sharing Connections	Client / Server TCP/IP
626400 - SuperCom x64 Serial Library	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		2	2	✓	✓	✓	✓	✓	
616400 - SuperCom x64 ISDN Library	✓	✓	✓			✓		✓	✓	✓	✓	✓		2	2	✓	✓	✓	✓		
615400 - SuperCom x64 TCP/IP Library	✓	✓	✓				✓	✓	✓	✓	✓	✓		2	2	✓	✓	✓	✓	✓	✓
633400 - SuperCom x64 Suite	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		2	✓	✓	✓	✓	✓	✓	✓
620400 - SuperCom x64 3964 Protocol Engine	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	2	✓	✓	✓	✓	✓	✓	
621411 - SuperCom x64 Suite Industrial	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2	✓	✓	✓	✓	✓	✓	✓
626412 - SuperCom x64 Serial Library MODBUS	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		2	✓	✓	✓	✓	✓	✓	
615412 - SuperCom x64 TCP/IP Library MODBUS	✓	✓	✓				✓	✓	✓	✓	✓	✓		2	✓	✓	✓	✓	✓	✓	✓

2 Optional

x64 = AMD 64 and Intel 64 Bit.

\*\* Windows x64 e. g. Windows 11, 10, 8.1, 8, 7, Vista, XP, Windows Server 2022, 2019, 2016, 2012-R2, 2008-R2, 2003

YMODEM={YMODEM, YMODEM/BATCH, YMODEM-G}

XMODEM={XMODEM, XMODEM/CRC, XMODEM-1K, Extended XMODEM}

## SuperCom 32-Bit for Linux (and compatible)

	Linux	ActiveX API	DLL API	RS-232/422/485			TCP/IP	YMODEM, XMODEM, ASCII	ZMODEM	KERMIT	.NET / Mono /C#	SuperCom .NET Class Library	3964R / RK512 / AS511	LSV/2, Heidenhain, S7 Protocol	MODBUS	Data Packet Collector	Data Trigger	Data Monitoring	Data Filter	Sharing Connections	Client / Server TCP/IP	
62620 - SuperCom Serial Library	✓	✓	✓	✓				✓	✓	✓	✓	✓		2	2	✓	✓	✓	✓	✓	✓	
63320 - SuperCom Suite	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		2	✓	✓	✓	✓	✓	✓	✓	✓
62020 - SuperCom 3964 Protocol Engine	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	2	✓	✓	✓	✓	✓	✓	✓	
62120 - SuperCom Suite Industrial	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	2	✓	✓	✓	✓	✓	✓	✓	✓
62622 - SuperCom Serial Library MODBUS	✓	✓	✓	✓				✓	✓	✓	✓	✓		2	✓	✓	✓	✓	✓	✓	✓	✓

2 Optional

x86/x64 = AMD and Intel.

YMODEM={YMODEM, YMODEM/BATCH, YMODEM-G}

XMODEM={XMODEM, XMODEM/CRC, XMODEM-1K, Extended XMODEM}



## SuperCom 64-Bit for Linux (and compatible)

	Linux	ActiveX API	DLL API	RS-232/422/485		TCP/IP	YMODEM, XMODEM, ASCII	ZMODEM	KERMIT	.NET / Mono /C#	SuperCom .NET Class Library	3964R / RK512 / AS511	LSV/2, Heidenhain, S7 Protocol	MODBUS	Data Packet Collector	Data Trigger	Data Monitoring	Data Filter	Sharing Connections	Client / Server TCP/IP	
626420 - SuperCom x64 Serial Library	✓	✓	✓	✓			✓	✓	✓	✓	✓		2	2	✓	✓	✓	✓	✓	✓	
633420 - SuperCom x64 Suite	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		2	✓	✓	✓	✓	✓	✓	✓	✓
620420 - SuperCom x64 3964 Protocol Engine	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	2	✓	✓	✓	✓	✓	✓	✓	
621420 - SuperCom x64 Suite Industrial	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	2	✓	✓	✓	✓	✓	✓	✓	✓
626422 - SuperCom x64 Serial Library MODBUS	✓	✓	✓	✓			✓	✓	✓	✓	✓		2	✓	✓	✓	✓	✓	✓	✓	


2 Optional

x64 = AMD 64 and Intel 64 Bit.

YMODEM={YMODEM, YMODEM/BATCH, YMODEM-G}

XMODEM={XMODEM, XMODEM/CRC, XMODEM-1K, Extended XMODEM}

## SuperCom 16/32-Bit DOS & OS/2

	DOS	OS/2	RS-232/422/485	YMODEM, XMODEM, ASCII	ZMODEM	KERMIT	3964R / RK512 / AS511	LSV/2	MODBUS
623 - SuperCom C/C++ for DOS	✓		✓	✓	✓	2	2	2	
623012 - SuperCom C/C++ for DOS – MODBUS	✓		✓	✓	✓	2	2	2	✓
6231 - SuperCom C/C++ for DOS/32	✓		✓	✓	✓	2	2	2	
623112 - SuperCom C/C++ for DOS/32 – MODBUS	✓		✓	✓	✓	2	2	2	✓
624 - SuperCom Pascal for DOS	✓		✓	✓	✓				
628 - SuperCom C/C++ for OS/2		✓	✓	✓	✓				

2 Optional

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## Notes

Serial = RS-232, RS-422, RS-485, serial analog Modem, TAPI (Windows only).

TCP/IP = TCP/IP protocol under Windows and Linux.

ISDN = CAPI interface under Windows.

ActiveX API = One common API using the SuperCom ActiveX control or the SuperCom .NET Classes.

DLL API = One common API using SuperCom DLL modules or the SuperCom .NET Classes.

DUAL API = Are software packages that include support for ActiveX API and DLL API.

Standard protocols = ASCII, KERMIT, XMODEM, YMODEM, ZMODEM

XMODEM = XMODEM, XMODEM/CRC, XMODEM-1K, Extended XMODEM

Extended XMODEM = Extension to XMODEM (request file, up to 64K Buffer,  
File-Information e.g. Name, Size, ...)



The protocol is based on the well known XMODEM. Developed by ADONTEC in 2002,  
and is also backwards compatible. It was refined up to the first public release in 2010.

MODBUS = MODBUS/RTU, MODBUS/ASCII, Serial and/or TCP/IP.

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## **Requirements**

All **32-Bit (x86) packages** support:

### Operating system

Windows 95/98, Windows Me, Windows NT, Windows 2000, Windows 2000 Server, Windows 2003, Windows 2003 Server, Windows XP, Vista, Windows 2008 Server, Windows 7, Windows 2012 Server, Windows 8, Windows 10, Windows Server 2016, 2019, Windows 11, Windows Server 2022.

Linux 2.4 and higher / newer

Development and execute under 32 and 64 Bit (x86, x64).

Compiler Windows: Visual Studio 6, Visual Studio 2005, Visual Studio 2008, Visual Studio 2010, Visual Studio 2012, Visual Studio 2013, Visual Studio 2015, Visual Studio 2017, Visual Studio 2019, Visual Studio 2022, Visual Basic, VBA, C#, Visual C++, C++ Builder, Delphi, FoxPro, Java, LabView, MinGW, Perl and other capable of using DLL / ActiveX.

Compiler Linux: C, C++, C', FreePascal / Lazarus, PureBasic, Java, Perl and other capable of using shared libraries.

All **64-Bit (x64) packages** support:

### Operating system

The x64 variants of Windows for example Windows 2003 Server, Windows XP, Vista, Windows 2008 Server, Windows 7, Windows 2012 Server, Windows 8, Windows 10, Windows Server 2016, 2019, Windows 11, Windows Server 2022.

The x64 variants of Linux 2.4 and higher / newer.

Development under 32 and 64 Bit (x86, x64). Execute under 64 Bit (x64).

Compiler-Windows: Visual Studio 2005, Visual Studio 2008, Visual Studio 2010, Visual Studio 2012, Visual Studio 2013, Visual Studio 2015, Visual Studio 2017, Visual Studio 2019, Visual Studio 2022, C++ Builder, Delphi and other capable of using DLL / ActiveX.

Compiler Linux: C, C++, C#, FreePascal / Lazarus, PureBasic, Java, Perl and other capable of using shared libraries.

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