

SourcePro® C++ Edition 8 Support Matrix  
07/2005

Solaris, AIX and HPUX

**SourcePro® C++ Edition 8 - Support Matrix - 09/2005**  
**Solaris, HP-UX and AIX Platforms**

**NOTE: ONLY STANDARD LIBRARY BUILDS ARE AVAILABLE WITH THIS RELEASE**

**Legend:**  
**Bold** - New since last release  
 P = Posix threads S = Solaris threads W = Windows threads  
 N = No multi-thread support  
 Black Cell = Not Supported  
 Blue Cell = Not Supported by Database vendor, but best effort support by Rogue Wave  
**Languages Key**  
 E = English J = Japanese C = Chinese R = Russian  
 K = Korean I = Italian G = German S = Spanish

[SourcePro DB Modules that are XA enabled](#)  
[See individual cells for GA support](#)

OS		Compiler		Architecture	STLPort Support	Platform Lang Testing	SourcePro Core Version 9.4.0	Standard C++ Library Module 4.1.0 <sup>S4</sup>	Essential Tools Module 7.9.0	Threads Module 2.5.0 <sup>T4</sup>	Internationalization Module 1.3.0 <sup>A2, T5</sup>	Advanced Tools Module 2.0.0 <sup>T5</sup>	XML Streams Module 1.5.1 <sup>T5</sup>	SourcePro Net Version 2.9.1	Essential Networking Module 1.8.1 <sup>G3</sup>	Internet Protocols Module 2.3.1 <sup>T5, G3</sup>	Sec Comm OpenSSL 0.9.7g (Module V. 2.3.1) <sup>T5, G3</sup>	SourcePro Analysis Version 8.3.0	Essential Math Module 6.7.0	Business Analysis Module 1.6.0	Currency Module 2.7.0	Linear Algebra Module 3.3.0	SourcePro DB Version 6.2.0	Oracle 9.2 (Module Version 6.2.0) <sup>G5</sup>	Oracle 10G (Module Version 6.2.0) <sup>G5</sup>	Sybase CT-Lib 12.5.2 (Module Version 6.2.0) <sup>G5</sup>	ODBC SDK 3.5 (Module Version 6.2.0)	Informix SDK 2.81 (Module Version 6.2.0) <sup>G5</sup>	Informix SDK 2.90 (Module Version 6.2.0) <sup>G5</sup>	MS SQL Server 7.0 SP3 (Module Version 6.2.0)	MS SQL Server 2000 (Module Version 6.2.0)	MySQL C API Module (Version 6.2.0)	IBM DB2 C UI 8.2 (Module Version 6.2.0) <sup>G5, G7</sup>	PostgreSQL C API Module (Version 6.2.0)						
<b>Solaris</b>																																								
	Solaris 10 <sup>A7</sup>	Sun Studio 10 (32 Bit) patch 117830-01	SPARC	Y <sup>S3</sup>			PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS			
	Solaris 10 <sup>A7</sup>	Sun Studio 10 (64 Bit) patch 117830-01	SPARC				PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS		
	Solaris 10 <sup>A7</sup>	Sun Studio 10 (32 Bit) patch 117831-01	AMD Opteron				PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS		
	Solaris 10 <sup>A7</sup>	Sun Studio 10 (64 Bit) patch 117831-01	AMD Opteron				PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	
	Solaris 10 <sup>A7</sup>	GNU/gcc 3.4.3 (same as gcc on RHAS4) (Binutils 2.14) (32 bit) <sup>A12</sup>	SPARC				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	Solaris 9 <sup>A7</sup>	Sun Studio 9 (32 Bit) patch 117549-01	SPARC	Y <sup>S5</sup>			PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	
	Solaris 9 <sup>A7</sup>	Sun Studio 9 (64 Bit) patch 117549-01	SPARC				PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	
	Solaris 9 <sup>A7</sup>	Sun ONE Studio 8 (32 Bit) (Forte 8) patch 113817-11	SPARC	Y <sup>S5</sup>			PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	
	Solaris 9 <sup>A7</sup>	Sun ONE Studio 8 (64 Bit) (Forte 8) patch 113817-11	SPARC				PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	
	Solaris 8 <sup>A7</sup>	Sun ONE Studio 8 (32 Bit) (Forte 8) patch 113817-11	SPARC				PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
	Solaris 8 <sup>A7</sup>	Sun ONE Studio 8 (64 Bit) (Forte 8) patch 113817-11	SPARC				PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
	Solaris 8 <sup>A7</sup>	Forte 6 update 2 (32 Bit) patch 111685-21	SPARC				PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
	Solaris 8 <sup>A7</sup>	Forte 6 update 2 (64 Bit) patch 111685-21	SPARC				PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
<b>HP-UX</b>																																								
	HP-UX 11i (11.11) <sup>A8</sup>	HP aCC A.3.63 (32 bit)	PA2.0 <sup>G2</sup>	J			P	P	P	P	P <sup>B4</sup>	P	P	P	P	P	P	P	P	P	P	P	P	P <sup>B4</sup>	P <sup>B4</sup>	P	P <sup>B4</sup>	P	P	P	P	P	P	P	P	P	P	P	P	
	HP-UX 11i (11.11) <sup>A8</sup>	HP aCC A.3.63 (64 bit)	PA2.0W <sup>G2</sup>	J			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P <sup>B4</sup>	P <sup>B4</sup>	P	P <sup>B4</sup>	P	P <sup>B3, B9</sup>	P <sup>B3, B9</sup>	P	P	P	P	P	P	P	P		
	HP-UX 11i v2 (11.23) <sup>A8</sup>	HP aCC A.3.63 (32 bit)	PA2.0 <sup>G2</sup>	J			P	P	P	P	P <sup>B4</sup>	P	P	P	P	P	P	P	P	P	P	P	P	P <sup>B4</sup>	P <sup>B4</sup>	P	P <sup>B4</sup>	P	P	P	P	P	P	P	P	P	P	P	P	
	HP-UX 11i v2 (11.23) <sup>A8</sup>	HP aCC A.3.63 (64 bit)	PA2.0W <sup>G2</sup>	J			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P <sup>B4</sup>	P <sup>B4</sup>	P	P <sup>B4</sup>	P	P	P	P	P	P	P	P	P	P	P	P	
	HP-UX 11.23 <sup>A8</sup>	HP aCC A.06.00 (32 bit)	IA64 Itanium2				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P <sup>B4</sup>	P <sup>B4</sup>	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	HP-UX 11.23 <sup>A8</sup>	HP aCC A.06.00 (64 bit)	IA64 Itanium2				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P <sup>B4</sup>	P <sup>B4</sup>	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
<b>AIX</b>																																								
	AIX 5L v5.2	IBM Visual Age 6.0 (32bit) <sup>A4</sup>	RS6000				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	AIX 5L v5.2	IBM Visual Age 6.0 (64bit) <sup>A4</sup>	RS6000				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
	AIX 5L v5.3	IBM XLC++ 7.0 (32bit)	RS6000/P5				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
	AIX 5L v5.3	IBM XLC++ 7.0 (64bit)	RS6000/P5				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
<b>Windows and Linux platforms on worksheet 2</b>																																								

**Notes**

**Tested Versions (A)**

- A1) Supports Intel MKL ver 7.0
- A2) Certified with ICU 2.8, which we ship.
- A3)
- A4) All Patches available on 01/28/2005 applied.
- A5) Custom compiled gcc used for wchar\_t fix. Refer to Essential Tools readme for details.
- A6) SourcePro Net and all downstream products are tested with winsock 2 only
- A7) Tested with a 64-bit kernel only (use isainfo -b to determine kernel support)
- A8) Tested with a 64-bit kernel only (use getconf KERNEL\_BITS to determine kernel support)  
-- see http://devsrc1.external.hp.com/STK/serversupport.html
- A9) Linux kernel version 2.4.21-27.ELsmp
- A10) Linux kernel version 2.4.21-27.EL
- A11) Linux Kernel version 2.6.5-7.139-smp
- A12) Linux Kernel version 2.6.9-5.Elmsmp
- A13) Linux Kernel version 2.6.9-5.El
- A14) Using Oracle 10.1.0.2 - see note
- A15) Using Oracle 9.2.0.5 - see note
- A16) Using MySQL 4.1.12 - see note

**Build Related Notes (B)**

- B1) Optimized builds not supported
- B2) No 64 bit MKL support
- B3) No support for shared builds
- B4) If using native std lib, then multithreaded builds only
- B5) If using native std lib, then no support for debug, dynamic builds.
- B6) If using RW std lib, the shared - debug build type is not supported.
- B7) Debug, Multithreaded native-stdlib builds not supported
- B8) Debug static builds not supported. Linker fails to link, size too big error.
- B9) Dynamic driver loading not supported.
- B10) No support for debug builds

**STL Related Notes (S)**

- S1) No support for shared builds with RW StdLib
- S2) No support for native Standard Library
- S3) No support for RW Standard Library
- S4) Standard C++ library has no STLPort support
- S5) Support for default version of STLPort that ships with Sun compiler
- S6) STLPort only supports multi-threaded builds.

**General Information (G)**

- G1) Supports Sun's (math) Performance Library a.k.a. SPL
- G2) RW's SourcePro products not supported on HP PA-RISC 1.1 architecture
- G3) IPV6 supported on Solaris 8 and 9 only
- G4)
- G5) Support for DB XA Module
- G6) We support the "dash N 32" (-n32) compiler option on this platform
- G7) DB2 6.1 went into obsolescence on 12/31/2001 (Call Product Management for more details)
- G8) Oracle 8.0.x went into obsolescence. (Call Product Management for more details)
- G9) Not supported by IBM with Visual age 5.0 compiler. This is our best effort support.
- G10) Supported protocols: SOAP, IPV6, Xerces, IONA

**Threading Related Notes (T)**

- T1) For building DB XA Module, support for single threaded builds only.
- T2) No support for single threaded shared builds
- T3) https must be built multithreaded
- T4) itc and thread must be built multithreaded
- T5) Must be built multithreaded

