

Product Information and FPGA Firmware Development Software Requirements:

The following table shows the supported versions of tools required for firmware development. These tools are supported on Windows XP professional Sp2 or Sp3 (32 bit) and Windows 7.

Product	Released revision	Release date	ISE version	Modelsim version	Matlab version for BSP
X3-10M	r10	Current	12.3	Modelsim PE or SE v6.5b or later	Matlab 7.6 (R2008a) /Simulink V7.1 (R2008a)
X3-25M	r5	Current	10.1	Modelsim PE or SE v6.5b or later	Matlab 7.6 (R2008a) /Simulink V7.1 (R2008a)
X3-2M	r1A	Current	11.2	Modelsim PE or SE v6.5b or later	N/A
X3-A4D4	r6	Current	10.1	Modelsim PE or SE v6.5b or later	Matlab 7.6 (R2008a) /Simulink V7.1 (R2008a)
X3-DIO	r3	Current	10.1	Modelsim PE or SE v6.5b or later	Matlab 7.4 (R2007a) /Simulink V6.6 (R2007a)
X3-SD	r6	Current	9.1	Modelsim PE or SE v6.5b or later	N/A
X3-SD16	r2	Current	11.3	Modelsim PE or SE v6.5b or later	N/A
X3-SDF	r6	Current	10.1	Modelsim PE or SE v6.5b or later	Matlab 7.4 (R2007a) /Simulink V6.6 (R2007a)
X3-SERVO	r8	Current	10.1	Modelsim PE or SE v6.5b or later	Matlab 7.6 (R2008a) /Simulink V7.1 (R2008a)
X5-210M	r4.3	Current	12.3	Modelsim PE or SE v6.5b or later	Matlab 7.8 (R2009a) /Simulink V7.3 (R2009a) or Matlab 7.9 (R2009b) /Simulink V7.4(R2009b)
X5-400M	r7.8	August 2011	13.2	Modelsim PE or SE v6.5b or later	Matlab 7.10 (R2010a) /Simulink V7.5 (R2010a) or Matlab 7.11 (R2010b) /Simulink V7.6(R2010b)
X5-COM	r1.3	Current	10.1	Modelsim PE or SE v6.5b or later	Matlab 7.4 (R2007a) /Simulink V6.6 (R2007a)
X5-G12	r1.4	Current	12.3	Modelsim PE or SE v6.5b or later	Matlab 7.8 (R2009a) /Simulink V7.3 (R2009a) or Matlab 7.9 (R2009b) /Simulink V7.4(R2009b)
X5-GSPS	r5.2	Current	12.3	Modelsim PE or SE v6.5b or later	Matlab 7.8 (R2009a) /Simulink V7.3 (R2009a) or Matlab 7.9 (R2009b) /Simulink V7.4(R2009b)
X5-RX	r2.1	Current	12.3	Modelsim PE or SE v6.5b or later	Matlab 7.10 (R2010a) /Simulink V7.5 (R2010a) or Matlab 7.11 (R2010b) /Simulink V7.6(R2010b)
X5-TX	r2.7	Current	12.3	Modelsim PE or SE v6.5b or later	Matlab 7.8 (R2009a) /Simulink V7.3 (R2009a) or Matlab 7.9 (R2009b) /Simulink V7.4(R2009b)

X6-400M	r0.09	Current	13.2	Modelsim PE or SE v6.5b or later	Matlab 7.10 (R2010a) /Simulink V7.5 (R2010a) or Matlab 7.11 (R2010b) /Simulink V7.6(R2010b)
X6-RX	r1.02	September 2011	13.2	Modelsim PE or SE v6.5b or later	Matlab 7.10 (R2010a) /Simulink V7.5 (R2010a) or Matlab 7.11 (R2010b) /Simulink V7.6(R2010b)
X6-1000M	N/A	N/A	13.2	Modelsim PE or SE v6.5b or later	Matlab 7.10 (R2010a) /Simulink V7.5 (R2010a) or Matlab 7.11 (R2010b) /Simulink V7.6(R2010b)
X6-GSPS	N/A	N/A	13.2	Modelsim PE or SE v6.5b or later	Matlab 7.10 (R2010a) /Simulink V7.5 (R2010a) or Matlab 7.11 (R2010b) /Simulink V7.6(R2010b)

Notes:

1. Matlab/Simulink must be installed in a directory with no spaces.
2. Xilinx ISE s/w must be installed in a directory with no spaces.
3. ISE version refers to the version of Xilinx ISE foundation, Xilinx System Generator and Chipscope Pro for debugging.
4. HDL simulator is required for HDL cosimulation using Xilinx System Generator and Simulink. System Generator HDL co-simulation interfaces are compatible with Xilinx ISE Simulator, ModelSim Xilinx Edition MXE (an option with ISE Foundation) and ModelSim PE or SE, version v6.5b or later, from Model Technology Inc.
5. Please make sure that Microsoft windows environment variable \$Xilinx is set and is pointing to your ISE software installation directory. Further updates may be downloaded from Xilinx Download center.