Alliance and Foundation Series Software Configurations

Last year, we released our Alliance and Foundation Series software solutions. This innovative software gives you the best FPGA and CPLD development tools in the industry, in a range of configurations designed to meet your needs on any platform. These configurations cover the entire spectrum of programmable logic from schematic-based CPLD designs to HDL-based high-density FPGA designs using LogiCores.

To help you choose the best solution for your needs, this article describes the available software configurations.
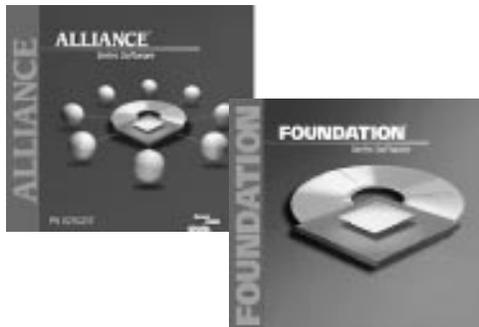
Alliance Series

Choose the Alliance Series if you want to integrate Xilinx software into your existing EDA tools environment. With this series, you can choose from the widest range of design methods in the industry.

This product line works on both PCs and workstations, and comes in two different versions. The Alliance **Base** is limited to a maximum of 10,000 gate FPGAs and the Alliance **Standard** supports our full range of FPGAs. Both Base and Standard versions include support for our CPLD devices, libraries and interfaces, and the LogiBLOX module generator.

In addition, using the new Alliance Series Turns Engine, you can achieve clock performance improvements of up to 25% by running an unlimited number of place-and-route runs on multiple workstations.

ALLIANCE BASE	
PC	DS-ALI-BAS-PC
Workstation	DS-ALI-BAS-WS

ALLIANCE STANDARD	
PC	DS-ALI-STD-PC
Workstation	DS-ALI-STD-WS

Foundation Series

Choose the Foundation Series for a complete, ready-to-use development system that incorporates design entry, synthesis, simulation, and FPGA/CPLD implementation tools into a single, fully integrated design environment.

The Foundation Series is also divided into **Base** (limited FPGA gate count) and **Standard** versions, and is only available for the PC. In addition, there are VHDL options for Standard or Base versions, and a system called Foundation Express which incorporates the Synopsys FPGA Express technology.

Foundation Base	DS-FND-BAS-PC
Foundation Base w/Express	DS-FND-BSX-PC
Foundation Standard	DS-FND-STD-PC
Foundation Express	DS-FND-EXP-PC

LogicCORE Development Options

We also offer two Core solutions available as options for the Alliance and Foundation Series: the PCI target and initiator, and the PCI target only. See our web site for more information on our PCI cores.

PCI Target & Initiator	DO-DI-PCIM
PCI Target only	DO-DI-PCIS

For the most recent pricing, availability, and upgrade options, contact your local Xilinx sales representative. ◆

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