



Dear Xilinx Customer,

Thank you for selecting the Xilinx® Virtex-4™ ML410-P Embedded Development Platform. Based on the Xilinx XC4VFX60-11FF1152CES1 Platform FPGA, the ML410-P enables you to rapidly create and evaluate both hardware and software designs. The included 512 MB CompactFlash memory card contains a set of ACE files to run board diagnostics, as well as to demonstrate the operation of various operating systems such as Linux and VxWorks.

Your ML410-P Development Platform includes:

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| <ul style="list-style-type: none"><li>• ML410-P board (ATX form factor)</li><li>• 256 MB DDR2 DIMM</li><li>• 64 MB DDR component memory</li><li>• System ACE CF controller</li><li>• 512 MB CompactFlash card</li><li>• Dual onboard 10/100/1000 Ethernet PHYs</li><li>• 4 PCI slots ( 3.3V and 5V)</li><li>• LCD character display and cable</li><li>• Dual FPGA serial port connections</li><li>• Personality module interface</li></ul> | <ul style="list-style-type: none"><li>• VGA graphics interface</li><li>• Standard JTAG connectivity</li><li>• ALi Super I/O<ul style="list-style-type: none"><li>– Parallel Port</li><li>– 2 USB ports</li><li>– 2 IDE connectors</li><li>– GPIO</li><li>– SMBus Interface</li><li>– AC97 Audio CODEC</li><li>– PS/2 keyboard and mouse ports</li></ul></li><li>• ATX power supply</li></ul> |
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You can boot up and begin exploring the ML410-P Embedded Development Platform by launching the applications on the included CompactFlash card. Follow the instructions in the readme.txt file or the tutorials and documentation at <http://www.xilinx.com/ml410-p>. Also, before using any Universal PCI add-in cards, see the important instructions included in this box.

Xilinx Integrated Software Environment (ISE), Xilinx Platform Studio (XPS), and a Parallel Cable IV (PC4) JTAG cable are *not* included with the ML410-P, but are highly recommended for creating a complete hardware and software development environment. These items are available for purchase from Xilinx.

For more information on Xilinx tools, software, and cores:

- <http://www.xilinx.com/ise> for ISE, the industry-leading programmable logic design tool that lowers total system cost and delivers the fastest time-to-market for logic design.
- <http://www.xilinx.com/edk> for Xilinx Platform Studio (XPS), the embedded systems design tool for constructing system-level solutions encompassing processors, integrated hardware intellectual property (IP) cores, and board support packages.
- <http://www.xilinx.com/ipcenter> for access to the latest verified and optimized IP cores, reference designs, and design services for Xilinx FPGAs.

Sincerely,

Advanced Product Marketing