CoreExpress®-ECO Developer's Kit
CoreExpress®-ECO

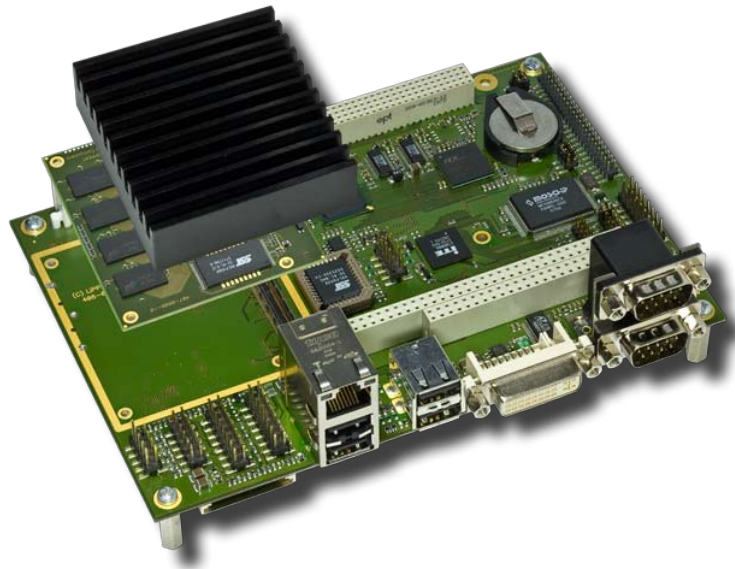## Features

Intel® Atom™ Z530 Processor

Flat panel display, 13.3", 1280 x 800 pixel

40 W Power supply

Full documentation

Operating system preinstalled on CompactFlash

Three hours free support

The CoreExpress Developer's kit contains all hardware and software necessary to test and evaluate the CoreExpress-ECO board.

The CoreExpress-ECO module is an advanced technology computer on module (COM) based on the Intel Atom Z5xx processor. This processor offers the best performance-per-watt figures of an X86 module and is complemented by a chipset with integrated graphics. It comes with 2 PCI Express lanes, 8 USB ports, PATA and other digital-only buses.

The Developer's kit comes in a sturdy carrying case and contains the CoreExpress-ECO module, mounted on a carrier board, a large 13.3" TFT display panel, all required cables and a power supply. To ease software setup, either Windows XP Embedded or Linux is pre-installed on the included Compact Flash disk. A complete documentation set rounds the kit off.

The Developer's kit is covered by three free hours of direct manufacturer support.

The user only needs to connect a USB keyboard and mouse, the provided display panel, and possibly a USB based touch module, to get a fully operating demo system.

LiPPERT is an independent design house and manufacturer that develops and builds special customer solutions. Please ask for a specific quotation.

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CoreExpress®-ECO Developer's Kit

CoreExpress®-ECO

Contents

CoreExpress-ECO Advanced Computer on Module	Intel Atom Z530 Processor 1.6 GHz, 1 GB RAM, heatsink
Carrier board	EPIC format
Flat panel	13.3", 1280 x 800 pixel TFT LVDS, with backlight converter
Cable set	• LVDS • Inverter • Miscellaneous I/O • Power supply (european and US)
Power supply	85…264 V AC, 50…60Hz 5 V, 5 A 12 V, 3 A 40 W maximum

Operating System	Windows XP Embedded, Windows CE 6.0, Linux, or QNX preinstalled on Compact Flash disk. Others are available on request.
Drivers	Available for download
Documentation	• Technical Manual CoreExpress-ECO • Technical Manual CoreExpress Carrier • Best Practices Handbook • CoreExpress Specification
Support	3 hours free manufacturer support

Ordering Information

Ordering Number	Description
808-0005-10	Developer's Kit CoreExpress-ECO with Intel Atom 1.6 GHz, 1 GB RAM, 0°…50 °C Operating system: Windows XP Embedded (Developer's Version)
808-0006-10	Like above but with operating system: Linux
808-0007-10	Like above but with operating system: QNX Neutrino 6.4.0
808-0008-10	Like above but with operating system: Windows CE 6.0

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