# CoreExpress-ECO Evaluation Kit

## CoreExpress®-ECO



## Features

Intel® Atom™ Z530 Processor

Flat panel display, 13.3", 1280 x 800 pixel

40W Power supply

Full documentation

Operating system preinstalled on CompactFlash

Three hours free support



The CoreExpress evaluation 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 evaluation 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 evaluation 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 Evaluation 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 |

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|---|---|
| **Operating System** | Windows XP Embedded or Linux 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* | Evaluation Kit CoreExpress-ECO with Intel Atom 1.6 GHz, 1 GB RAM, 0°…50 °C Operating system: Windows XP Embedded (Evaluation 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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