

CoreExpress®-ECO Developer's Kit

CoreExpress®-ECO

Features

Intel® Atom™ Z530 Processor

Flat panel display, 13.3", 1280x800 pixel

40W 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.

LiPPERT Embedded Computers GmbH
Hans-Thoma-Str. 11 · D-68163 Mannheim
Phone +49 621 43214-0 · Fax +49 621 43214-30
sales@lippertembedded.com
www.lippertembedded.com

LiPPERT Embedded Computers Inc.
2220 Northmont Parkway Suite 250
Duluth, GA 30096
Phone (866) 587 8681 · Fax (678) 417 6273
ussales@lippertembedded.com

CoreExpress and the CoreExpress logo are trademarks of SFF-SIG

LIPPERT
THE EMBEDDED PC COMPANY

CoreExpress®-ECO Developer's Kit

CoreExpress®-ECO



Contents

CoreExpress-ECO Intel Atom Z530 Processor

Advanced Computer on Module 1.6 GHz, 1 GB RAM, heatsink

Carrier board EPIC format

Flat panel 13.3", 1280x800 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
5V, 5A
12V, 3A
40W 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

LiPPERT Embedded Computers GmbH
Hans-Thoma-Str. 11 · D-68163 Mannheim
Phone +49 621 43214-0 · Fax +49 621 43214-30
sales@lippertembedded.com
www.lippertembedded.com

LiPPERT Embedded Computers Inc.
2220 Northmont Parkway Suite 250
Duluth, GA 30096
Phone (770) 295 0031 · Fax (678) 417 6273
ussales@lippertembedded.com

LiPPERT
THE EMBEDDED PC COMPANY

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ADLINK Technology:](#)

[CE-ECO-QSK/QNX](#) [CE-ECO-QSK/CE](#) [CE-ECO-QSK/Linux](#) [CE-ECO-QSK/VxWork](#) [CE-ECO-QSK/XP](#)