

Windows CE BSPs for Cogent CSB modules

Features available

Official BSPs for Cogent Windows CE based designs

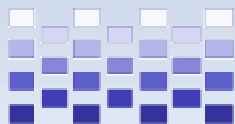


2007 Excellence Awards
Systems Integrator

Microsoft
GOLD CERTIFIED

Partner

ISV/Software Solutions
Mobility Solutions



COGENT

"Always Complete"



● Bootloader

- Boot through ethernet
- Local boot from flash
- CE Image update in flash

● Kernel

- Full support of CSB ARM core
- Ethernet/Serial debug
- RTT, Syst Ctrlr
- Power management

● HMI

- Display driver
- Keyboard, Mouse support
- Touchscreen

● Communications

- Serial driver
- Ethernet driver
- USB Host + Device drivers
- Bus drivers (SPI, I2C, PWM)

● Storage

- SDCard driver
- NAND driver with ECC

● Tests/Reliability

- Fully tested under CETK
- PQOAL/PQD compliant



- **Demonstrative CE image**

- Demonstration purpose of CE running on Cogent CSB737 architecture
- Available for free for demonstration and test

- **Binary Evaluation BSP**

- Image customization to fit with customer specific needs
- Allow every application developments and tests on Cogent CSB737 development board
- Can be downloaded from <http://www.adeneo-embedded.com>
- Available only for test and demonstration: any commercial usage implies purchase of source BSP.

- **Free source code access for 20 days evaluation**

- Free access under NDA for 20 days of complete source code for evaluation only

- **Source BSP**

- Allow adaptation to a custom Cogent CSB737 based design
- Reference BSP for all Windows CE Cogent CSB737 based product
- Can be purchased through Adeneo (one time license fees, no royalties)

- **Sales contact / Specific requirements or designs**

- contact.membedded@adeneo.adetelgroup.com

Windows CE 6.0 support	✓
2D HW acceleration support	✓
SDCard/SDIO driver	✓
NAND Flash driver	✓
PWM driver	✓
I2C driver	✓
SPI driver	✓
Display Driver	✓
TouchScreen Driver	✓
Ethernet Driver	✓
USB Device	✓
USB Host	✓
Serial	✓
RTT/RTC	✓
Power management	✓
Ethernet Debug	✓
Serial debug	✓
Load image from Ethernet	✓
Load image from flash	✓
Features	CSB737

- ✓ : Supported
- : Currently in development
- : Not supported or not available on the chip



● **Sales contact**

contact.membedded@adeneo.adetelgroup.com

● **Costs**

Binary BSPs running on Cogent CSB737 reference board

Download from : <http://www.adeneo-embedded.com>

Full source code access for 20 days

Download NDA from : <http://www.adeneo-embedded.com>

Full source code licenses:

*All the source licenses include
free support and update for 90 days*

free for evaluation only

free for evaluation only

Costs	Source Code BSP License	Support and update extension for 1 year
CSB737	8 000 €	5 000 €

